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BUY U.S. SAVINGS BONDS

WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

Save 40 Cents Per Bushel

Temporary crib is examined by Hervey Hazen, head of the Iowa PMA committee. Crib is in a bean field on the Crisman & Ryan farm, Jasper county, Iowa.

YOU might make a dollar a minute, or even more, figuring what to do with your corn this fall.

One thousand bushels of corn in an outside crib is exposed to three dangers: (1) bad markets, (2) bad weather, and (3) rat damage.

You have no choice as to time to sell such corn. It must be moved between December and warm days in March.

That might mean selling 20 cents below the sealing price set by PMA. Present contract bids and December futures indicate that possibility.

Besides the market loss, outside corn may catch enough moisture to cut the grade and price another 20 cents. Rats can add to the loss. At this rate, you might lose $400 on 1,000 bushels.

Crib costs can be figured. A 5,000-bushel permanent crib costing $3,000, and good for 25 years, will cost 2½ cents a bushel per year. A 1,000-bushel temporary crib costing $250 and lasting 10 years will have the same annual cost.

You can get help on figuring this problem at the corn crib meetings and demonstrations to be held at five places next week. See page 5 for more news about these meetings.

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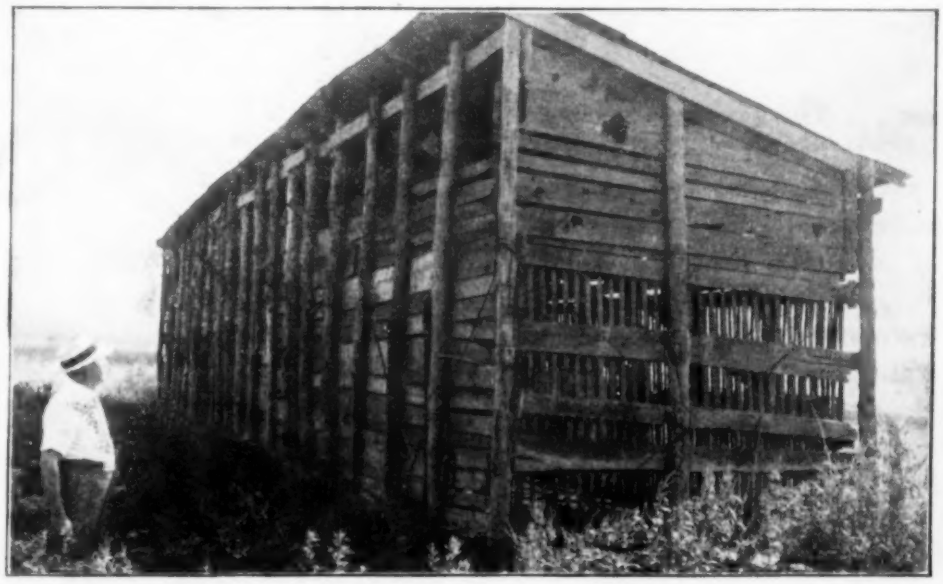


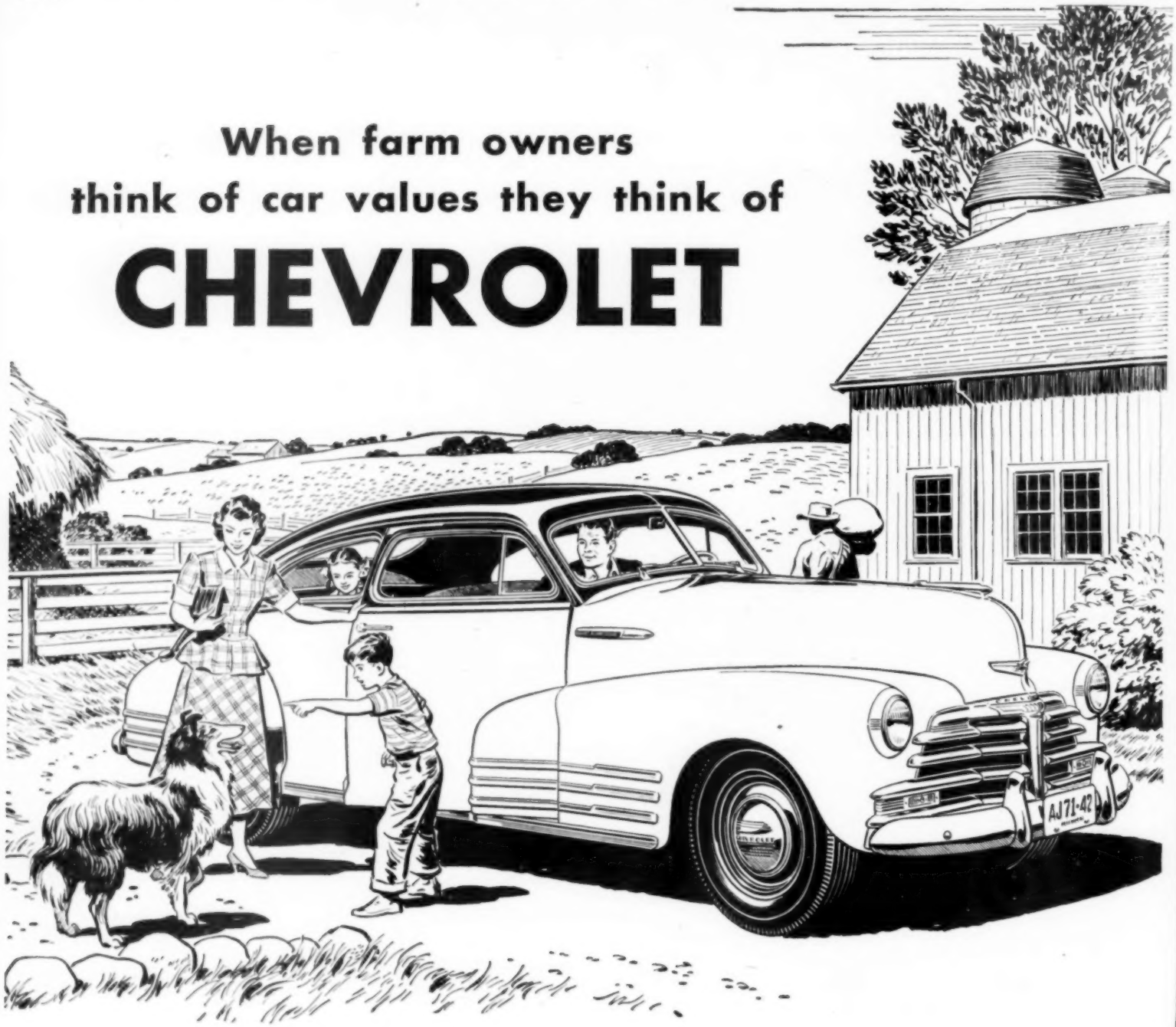
It Will Do for sealing corn, said Hazen, after finding that it was braced inside, the floor was well above the ground, and the roof was in good condition.

SEPTEMBER 18, 1948

IOWA'S LEADING FARM NEWSPAPER

When farm owners think of car values they think of

CHEVROLET



That's why more people *buy* and more people *drive* Chevrolets than any other make of car!

CHEVROLET

You have only to check among your own neighbors—or, for that matter, among motor car owners in *any* part of America—to learn why more people drive Chevrolets than any other make of car. It's because Chevrolet gives *more value.* More value in Big-Car performance with economy—more value in Big-Car ruggedness and reliability—more value in Big-Car beauty and comfort—more value in *all* those desirable motoring advantages which spell BIG-CAR QUALITY AT LOWEST COST. You buy wisely when you buy Chevrolet . . . for CHEVROLET AND *ONLY* CHEVROLET IS FIRST . . . first in value as it is first in demand for the total *17-year period*, 1931 to date!

CHEVROLET MOTOR DIVISION, GENERAL MOTORS CORPORATION, DETROIT 2, MICHIGAN

You'll say you've never enjoyed comfort like this before—the Big-Car comfort of the original and outstanding Unitized Knee-Action Ride—available only in Chevrolet and higher-priced cars.

You want Big-Car performance, endurance and dependability; and you get them at lowest cost with Chevrolet's world's champion Valve-in-Head engine—featuring the same famous Valve-in-Head principle found elsewhere only in higher-priced cars.

You and your family will enjoy Big-Car safety, too—the triple safety of Fisher Unisteel Body Construction, the Unitized Knee-Action Ride and Positive-Action Hydraulic Brakes—another combination of features found only in Chevrolet and higher-priced cars.

CHEVROLET-and ONLY Chevrolet-IS FIRST!

Safe IN ANY SOIL

Good Stands — Healthy Plants — Better Yields

The film coating that surrounds each kernel of this corn can make extra money for you. It introduced an entirely new treatment for hybrid seed corn. It keeps kernels sound until they germinate. It cuts down loss or seed damage in cold, damp soil. It insures getting good stands — regardless of how long your corn has to wait for good growing weather.

Plant CROW'S Film-Coated Seed Corn and you put dependability into getting a good corn crop started. You get vigorous growth from sound kernels—healthy plants that grow into beautiful corn — and that make the most out of your investment in seed and labor. Film-Coating on seed corn is available only on CROW'S Hybrids — single and double crosses. It costs nothing extra, yet is making extra profits for thousands of farmers. Ask CROW'S Dealer in your community. **Send for CROW'S FREE Catalog.**

CROW'S HYBRID CORN CO.
MILFORD, ILLINOIS
AND
NEVADA, IOWA

"Corn Came Up VIGOROUSLY"

Mr. E. L. Smith of Sewal, Iowa, says, "Crow's Film-Coated Seed Corn produced the best stand of corn I have ever had."

Mr. V. A. Fiala of Callender, Iowa, says, "Crow's Film-Coated Seed gave me the best stand and the most vigorous growth that I have ever had."

Mr. L. M. Stacy of Moorland, Iowa, says, "What they say about Crow's 'Film-Coated' Corn is the truth. My corn has come up vigorously and evenly, making a near perfect stand, and I have not seen a poor plant."

MAIL TODAY

CROW'S HYBRID CORN CO. Milford, Illinois Dept. W.F.
PLEASE SEND CROW'S FREE CATALOG

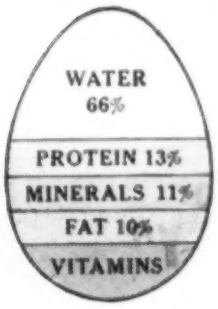
Name _____
Address _____
State _____
R.F.D. _____

Now, Big Profit Time for Poultrymen

If you have a flock of hens, every EXTRA egg you can coax out of them this fall and winter will truly PAY-OFF. Fewer pullets on farms! Lower feed costs and higher egg prices is the key to good profits NOW!

Start your drive NOW for high production. Scientific feeding and sound management will give you earlier fall laying, steadier winter laying, MORE EGGS! The IMPORTANT factor is a BALANCED RATION, and here is why:

WHAT MAKES AN EGG?



This picture shows the composition of an egg. A hen can't lay an egg until she has all these elements in her system. She can't get them into her system except through the feed you give her. Corn alone can't give them to her. Neither can oats nor any other grains. She must have either a LAYING MASH, or a BLENDED SUPPLEMENT containing the necessary proteins, vitamins, minerals to balance the grain.

FEEDING DOES IT!

It is possible for a hen to lay 200 or more eggs per year, instead of the 1947 average of 162. "A poultry ration of grains," says Iowa State College, "plus a protein, vitamin, mineral supplement furnishes the material to make eggs!"

The Egg-Feed ratio indicates more profits for YOU this fall and winter from egg production. Don't skimp on feed! Your feed dimes turn into egg dollars. Feed your hens a HIGH QUALITY LAYING RATION, for bigger egg profits. Consult your local Feed Dealer for accurate poultry feeding information.

FEED INSTITUTE, Inc.
622 Des Moines Bldg. — Des Moines

—Sponsored by the FEED INDUSTRY in the Interests of More Profitable Livestock and Poultry Production—

Cold Water drew thousands to the booth of Wallaces' Farmer and Iowa Homestead at the Iowa State Fair on those hot days. The fountain was kept going steadily all day and all week.

INSIDE STUFF

IF YOU were in the war, did you read Wallaces' Farmer and Iowa Homestead? And where? Delmer Hardesty, of Adams county, Iowa, was out in Burma. His folks sent him every copy.

▲ ▲

DELMER SAYS the paper made good reading out in the jungle. Sounded like home to him, anyway. Pigs and corn shucking!

▲ ▲

A 10-YEAR-OLD Tama county, Iowa girl bid against four big packer buyers at the Traer fair recently. And got the calf!

▲ ▲

JEAN MINISH wanted the 870-pound county champion. So did the packer buyers. But Jean — after talking it over with Papa — piped up with a bid for $480.25.

▲ ▲

THE ANGUS will probably go to the International. But Jean will not surprise the International any more than she did the home folks at Traer.

▲ ▲

"IT'S EASIER to make a six-foot corn plant than a 14-foot man," says Dr. W. Ralph Singleton, geneticist of Long Island. He's trying to breed short corn, says it's handier to work with.

▲ ▲

AT THE BIG Wisconsin fair, at Milwaukee, I saw a 10-foot doll, "Alice in Dairyland." She scared the pants off one little boy.

▲ ▲

"ALICE" had a voice (a girl behind the scenes) and she could rise, move her mouth, stretch out her arm, etc.

▲ ▲

"DO YOU DRINK your milk all up —every meal?" the big figure apparently asked one awe-struck little boy. He said: "Sometimes."

ALICE ROSE to her full 10-foot height, pushed out one arm at the little victim, and said sternly: "You go home and drink all your milk every meal—do you hear?"

▲ ▲

THE BOY probably will drink his milk. But he may have nightmares. Perhaps stomach ulcers, too.

▲ ▲

A FLY EXPERT at the Iowa fair told me that DDT was just as tough on flies as ever. "Don't believe anybody who says the stuff is getting weak.

▲ ▲

"TROUBLE IS," he went on, that flies started hatching out earlier this year. We've had five more generations of flies than last season, and more to kill."

▲ ▲

AS I WATCHED corn dry up in late August, I thought again that button-weed would make a nice cross with corn. No drouth seems to hurt button-weed.

▲ ▲

NOT ENOUGH farmers are worrying about where to put their corn. They are still feeling good over the big crop, and aren't figuring too far ahead on what to do with it.

▲ ▲

ONE FARMER told me that a lot of schools started too early for the Iowa State Fair. Some kids were going to school instead of watching the races.

▲ ▲

IT WAS TOO HOT for school. Just right for harness races. And for fireworks at night.

▲ ▲

STATE FAIR Secretary Cunningham and the country school boards had better get together next year. After all, going to the fair is an education, too.

DONALD R. MURPHY.

WALLACES' FARMER AND IOWA HOMESTEAD
(Volume 73—Number 18)

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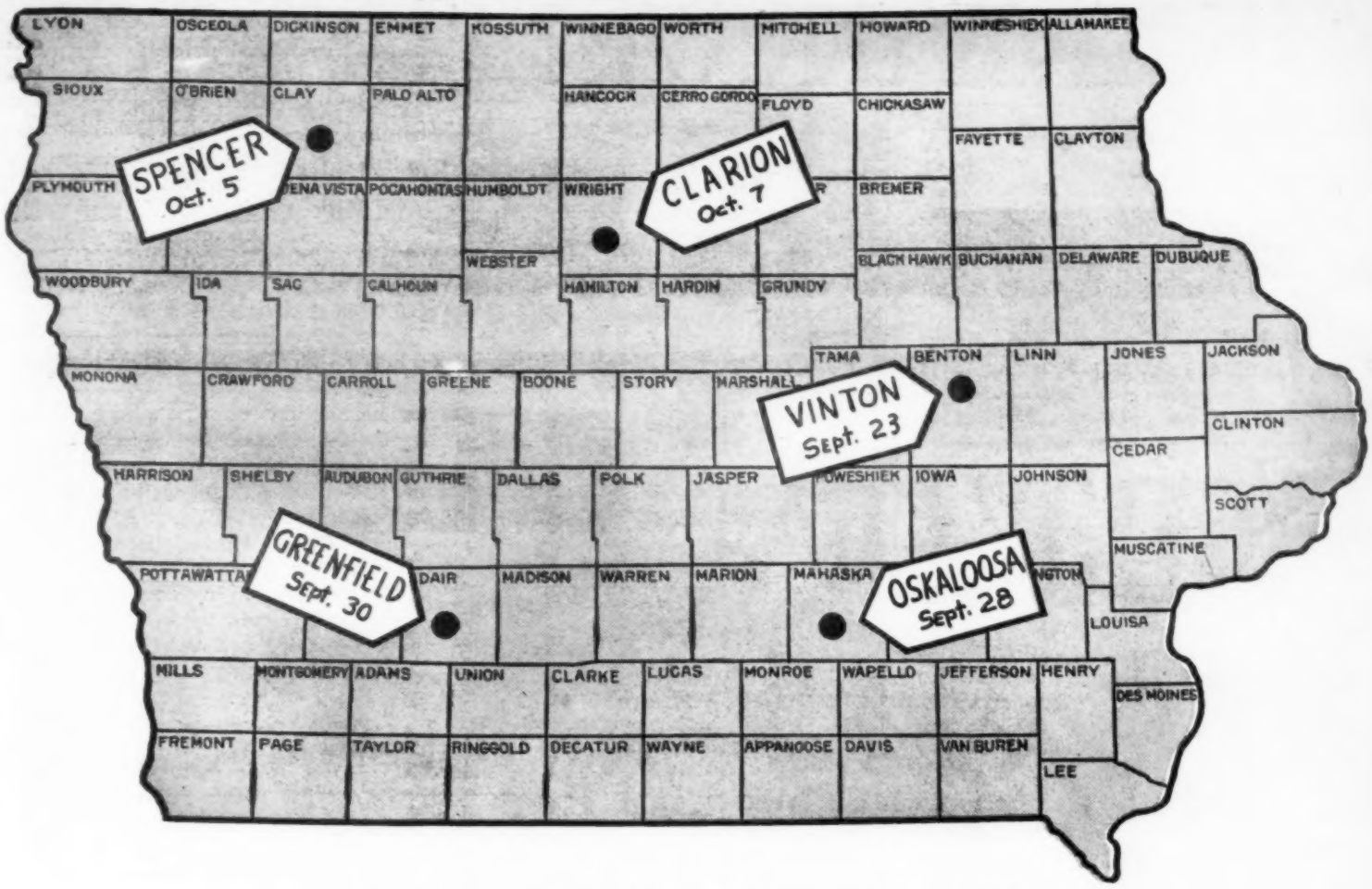

Iowa Farmers will attend corn crib meetings held by the AAA at Vinton, September 23; Oskaloosa, September 28; Greenfield, September 30; Spencer, October 5, and Clarion, October 7.

Get Your Corn Under Cover

Prices Will Slump Unless Corn Cribs Are Ready for Crop

HOW low do you think the prices of corn will go this fall? And how low do they have to go before you are willing to put up some more crib space?

Here are other questions:

Do you plan to put up a temporary corn crib? Do you plan to dry corn? Or are you doubtful about the requirements for sealing corn this fall?

If you don't know the answers to all of these questions, then plan to go to one of the corn crib meetings to be put on by the Iowa Production and Marketing Association and by county AAA commitees.

Muddy roads won't bother, even if it rains hard. The meetings at Vinton, Oskaloosa, Greenfield and Spencer will be held on the county fair grounds. The meeting at Clarion will be on the grounds where the annual fall festival is regularly held.

At these meetings, farmers will find exhibits of many different kinds of floors, roofing and side walls that can be used in corn cribs.

AAA men will be on hand to explain the sealing requirements and to make suggestions to farmers on patching up old cribs, building temporary cribs, or building new permanent cribs.

At each of the points named, a temporary crib will be built in advance, for exhibition. Ear corn will be stored in the crib and dried out to 16 per cent moisture. Records will be available on how long it took to dry out the corn, and how much it cost to bring the moisture content down.

How much time will it require for a crew of men to put up a temporary corn crib? At each point, local men will see what kind of a record can be made. Will the corn crib go up faster at Vinton than the one at Spencer?

An extra feature at these meetings will be contests of skill by tractor operators. Local committees will lay out on the field some of the difficult operations that tractors must perform. Then competitors will match their skill for prizes.

At each meeting, also, a speaker will be on hand to talk about corn price prospects and the sealing program.

Officials of the PMA say that prices of corn are bound to drop below the loan levels this fall unless speculators see that farmers are getting all their corn under cover and are not going to flood the market this fall.

This series of meetings is the first step in a campaign to apply the brakes as farm product prices fall.

One great risk to corn belt farmers just now is that they will wait too long to get cribs built.

If corn goes to market early, and the price drops, then the farmers will be jolted into the necessity of using the corn loan and the purchase agreement to hold their corn off the market.

But by that time it may be too late to get cribs built before cold weather.

Officials of the Production and Marketing Administration hope that all corn producers will turn out, size up the situation, realize the relation of corn prices to the whole farm picture, and plan to get all of the 1948 corn crop under cover in a hurry.

TRACTOR RODEO

How good are you at backing a four-wheel trailer into the driveway of a corn crib.

Or getting a combine thru an eight-foot gate?

Or doing a lot of the things that tractors have to do on farms these days?

Come to the AAA corn-crib days at Vinton, Oskaloosa, Greenfield, Spencer and Clarion. See how young experts from the farms can make a tractor do hard jobs in quick and easy ways.

How fast can a gang of farmers put up a temporary corn crib? At each point, local men will show how materials around the farm can be assembled in a hurry to make a crib that meets sealing requirements.

How long does it take? You'll be surprised.

Editorials

Grain Prices Have Fallen Plenty Fast

MAYBE the newspapers misquoted Governor Stassen of Minnesota. But he is reported to have objected to government action to keep up food prices "when they should have been coming down."

The administration has been doing what it could to carry out the law on price supports for farm products. Under that law, no support is given until farm products drop to 90 per cent of parity.

Most of the foods that people buy are above parity. No government action has been taken in these lines.

Action is being taken to keep corn prices up to 90 per cent of parity. That's what the law directs. The government is planning to export and to seal corn.

But even with this support, corn has dropped from $2.60 in Iowa last winter to a price below $1.35 for Iowa corn next December. Some folks think they can buy corn for $1.20 or $1.25 in December.

That is a tremendous drop. No farmer is kicking about a drop to $1.35. But he does want support at that loan level.

To hear Stassen and some others talk, a fellow would think corn prices were being maintained at $2.60. They aren't.

The big crops have caused a big drop in grain prices. But government action so far has prevented the price from dropping thru the floor established by law. What's wrong with that?

They Like Hogs

Leaning over the rail to look at purebred hogs is one of the standard occupations at any state fair. Here is a group of Hamilton county, Iowa, folks at the Iowa State Fair. In the picture are Mr. and Mrs. Delmer Sanders, Mr. and Mrs. Don Newcomb and Kenneth Holmes. The Duroc belongs to Elmer Willey.

Short On Vegetables And Milk

SOMETIMES farm people think that government aid for school lunches is something meant for city children. "Farm children get plenty to eat," they say.

But is that true? An investigation in Wisconsin checked up on 400 country school children in 39 rural schools in two counties.

These children were short on milk, vegetables, citrus fruit and tomatoes. This study wasn't limited to what the children ate at school at noon. It included meals at home, too.

Incidentally, none of these schools had a school lunch program.

Do the children in your school district have enough milk to drink? Maybe we have been too self-satisfied about what farm children are getting to eat.

Don't Sell Corn Below Loan Level

A LOT of folks expect to buy new corn this fall at 20 cents below loan levels. They may do it. But only if farmers play into their hands.

The price of corn can hold at loan levels if farmers do two things:

1. Refuse to be stampeded into panicky early selling.

2. Fix up temporary or permanent crib space so they can get corn loans, or can safely sign purchase agreements.

We've had this same trouble in other years. Remember 1942? In 1942, cash corn at Chicago (No. 2 yellow) went up and down as follows:

October 1 ....85c	November 20..83c
October 10.....79c	November 30..87c
October 20.....78c	December 10..90c
October 30.....77c	December 20..91c
November 10..83c	December 30..93c

That year, the corn loan was equivalent to a price of 83 to 86 cents at Chicago. In October, the cash price dropped 5 to 10 cents under the loan. In November, the cash price came up even with the loan. In December, it rose slightly above the loan.

Corn matured early that year. Farmers rushed too much corn to market for an early sale. And we had a minor October slump.

This year, there is a risk of a longer slump under loan levels. The corn loan and the purchase agreements can support the price if they are properly used.

Get your corn under cover. And don't sell at less than the loan.

What Did We Do Wrong?

Farm-Program Attacks Make Farmers Look Things Over

WHEN your pigs die, you try to find out why. Not only to cure the ones that still live, but also to make sure you don't lose pigs next year.

Farmers are now faced with a furious attack on their federal farm programs. And particularly on federal supports for farm prices.

What has gone wrong? Farmers used to be looked upon favorably by almost everybody. That favorable impression lasted into the war.

But, now, a farm leader tells us: "Farmers are almost considered Public Enemy Number One."

THIS farm leader wrote us a letter in which he tried to figure out why.

He said:

"When farmers did not support continuation of price controls at the end of the war, they made their biggest mistake. At that time, the public thought well of farmers, but farm refusal to go along on price controls changed the picture.

"Now nobody likes farmers. Their prices are falling and the prices of things they buy are going up. But who cares? The effect of this mistake by farmers when the war ended is one that will be felt for a long time."

It should be noted that Iowa farmers, according to a Wallace-Homestead Poll at the time, did want price controls continued. So did most Iowa farm leaders. But the farm bloc in congress went the other way. So did dairy and beef groups.

Farmers are not only unpopular with consumers. They have missed chances to help their own income in the future.

Our farm leader friend writes: "The loss of the international wheat agreement will take a good slice from the price of the wheat that goes into export, and that will help to hurt the whole farm price structure. Ed Dodd did all one man could do to put over the agreement, but he failed to get enough farm support."

WHAT do you think? Is our friend right? If so, what should we do?

One thing to do is to try to regain the good will of the general consuming public.

Let's make it clear that support prices aren't making consumers pay high prices for meat, butter or milk. Market price is away above supports in these fields.

But support prices are making the consumer pay more for eggs and potatoes. Wouldn't it be worth while to let the market price drop, give the consumer a break, and pay the farmer directly enough money to give him the guaranteed prices?

ANOTHER thing to do is to push harder on legislative matters that count, like letting CCC buy more storage space for the corn crop.

Can farmers work harder to give the consumer a break? Can they look farther ahead than usual on farm legislation?

We must do both. Let's figure out how.

Why Burn Down House To Kill Rats?

BEFORE you get too excited over the talk about Reds and spies, listen to General Eisenhower's comments on the subject. He said recently:

"Of course, we can get hysterical about a spy scare. But our government is aware of these things. And I don't believe the dangers are great . . . adequate administration and concern will do the job. We mustn't be naive or idiotic, but we can be careful."

Butter vs. Other Dairy Products

ARE you selling cream or whole milk to a creamery that makes only butter? Would you feel safer if the creamery were able to make condensed milk or dried whole milk or cheese or some other dairy product, too?

That's the question bothering many corn belt dairymen. Up in Wisconsin and Minnesota, more and more creameries are shifting to many-purpose equipment. They can change from one product to another when necessary. They are not chained to one market.

An Illinois economist, L. H. Simerl, points out that per capita consumption of butter has dropped 50 per cent in 15 years, from 18 pounds to nine pounds. But consumption of oleo has gone up from two to seven pounds per person in that time.

A farmer gets more from sales of whole milk—particularly in the fluid milk market—than from sales of cream for butter. That is one reason for the shift. And oleo has been gaining because of lower prices.

Look at the 1935-39 figures on consumption, as compared with 1948. Butter consumption per person is now 61 per cent of 1935-39. Consumption of fluid milk per person is now 116 per cent of 1935-39.

If pay rolls stay up, more and more consumers will be drinking milk. How can Iowa butter districts break into this market? Half-condensed and dried whole milk can be shipped some distance and reconstituted into fluid milk. But how far? And at what costs?

What is the future of cheese and condensed milk? Is there any point in Iowa creameries shifting over in that direction?

These are things every dairyman must be thinking about. Iowa has made a reputation for first-class butter. Should we stick to butter, or try to branch out?

Odds *and* Ends

IT STILL looks like a record corn crop, in spite of the August hot spell. Nobody's worrying much about frost.

BUT where do we put the corn? Be sure to visit the corn crib exhibitions put on by the AAA. Turn back to page 5 for places and dates.

IF 2,4-D didn't work too well for you this year, remember that dry weather hurts the pre-emergence spray. And a weed must be growing fast to be killed by later sprays.

INTERNATIONAL wheat agreement would have given us a sure export market for 185 million bushels of wheat at a price between $1.25 and $2 a bushel. And it would have kept France and Italy from wasting energy on growing wheat that can be produced cheaper elsewhere.

TOO bad that congress turned it down. We may be selling wheat for a lot less than $1.25 before long. And a low wheat price will drag corn down, too.

CONSUMERS are paying out 28 per cent of their income for food these days. They used to pay only 23 per cent, in the pre-war period.

NOW they are getting more food, however. If they bought only as much food as in 1935-39, they'd be paying out only 21 per cent of their income. The jump from 21 to 28 per cent represents more milk, more meat, more fruit, and a higher living standard.

IF YOU have turkeys, this should be a good fall for you. The crop is down about 10 per cent. And storage stocks are low.

WHAT would happen if all farm prices dropped to parity? There would be a cut in price of around 17 per cent.

CONGRESSMAN Dirksen, of Illinois, is getting some political backing for secretary of agriculture if Dewey wins. But a poll of farm paper editors didn't give him even one vote. The editors picked Cliff Hope, of Kansas, first and Milton Eisenhower, of Kansas State College, second.

BIGGEST volume of corn put under loan up to date was 300 million bushels, in 1939. But this year may see the total go up to 500 million bushels. If enough cribs can be found!

SOYBEAN market is getting shaky. The government is working to hold the price up to support levels, and probably will succeed unless too many are dumped on the market at once.

BUSINESS prospects are slumping a little. Textile production is being cut. But prices stay high. Same thing in shoes.

PEOPLE actually have a little less buying power this year than in 1947 and in 1946, in spite of wage increases for many workers. Cost of living has gone up faster than pay.

SCHOOL children last year got 5.5 million pounds of cheese and 6.5 million pounds of non-fat dry milk direct from the federal government. Federal and local funds helped to buy large quantities of milk and butter, too.

PRESENT city attack on support prices reminds farmers of the old McNary-Haugen fight, and of the early days of AAA.

CITY folks forget two things at least: Many farm prices have already dropped a long way; and cheap corn does not turn into cheap eggs or pork in a week.

BAD spot in new farm law is that if farmers vote on marketing quotas and turn them down, the loan will only be 50 per cent of parity. That's designed to force a favorable vote on quotas.

FARMERS produced 27 per cent more in 1947 than in 1939. But the value of the production jumped 272 per cent. And farm net income went up 242 per cent.

OTHER things worked the same way. Manufacturing production increased 82 per cent in volume, but 248 per cent in value. Figures are from Frederick C. Mills in "The Structure of Postwar Prices." (National Bureau of Economic Research).

THAT's inflation, of course. And postwar inflation always comes to an end sometime. Are you ready for the downturn when it comes?

Song of the Lazy Farmer

THE way my neighbor rushes 'round, you'd think he'd wear out all his ground; he acts as if the world would end before he has a chance to tend to all the jobs he thinks he's got, and so he keeps his tractor hot. I think the poor old guy will bawl if all his land ain't plowed this fall; he drives himself 'til late at night, next day he's up before it's light; he seems to like the mid-day heat and even hates to stop and eat. I don't know why he acts that way unless he hopes to save a day to do some other useless chore and wear himself all out some more.

One thing in which I take no stock is runnin' races with the clock; just watchin' neighbor makes me tired, like all the men that he has fired I see no sense in lots of wealth if it is earned with ruined health. I don't mind scratchin' ground this fall but it won't worry me at all, when huntin' season comes, by jing, I'll just put off the rest 'til spring; why rush to get my work all done if it means skippin' all my fun? I'll work a day of normal length but I refuse to sap my strength; and if I have too much to do, Mirandy will help me get through.

A Poor Pasture which had produced almost no feed was turned into an income producer when George Swartz and son Eugene, of Adams county, Iowa, used manure, lime, phosphate and reseeding to renovate the field. Plenty of grass, even in August.

Make Pastures Better

Start This Fall to Improve Wornout Stands of Blue Grass

IF YOU have a blue grass pasture that doesn't turn out its share of milk or beef; if the blue grass is thin and weedy and dries up every summer, now is the time to start to improve it.

Farmers who have given their old blue grass a working over tell all kinds of stories about the increased value of the new pasture. Pasture renovation takes some cash expense, but everybody agrees it is profitable.

"As near as I can tell, it cost about $15 an acre to improve our pasture, not counting the work," says F. A. Hedinger, of Adams county, Iowa. "But I believe you can pasture twice as much stuff on half as many acres of improved pasture. And cattle gain some weight on it."

He used a mixture of seven pounds of alfalfa seed, four of red clover, four of brome grass, four of sweet clover, and a little lespedeza on an old blue grass area. He says: "Before we renovated it, you could have mowed it with a lawn mower all year long."

The pasture received two tons of lime per acre in the fall and 200 pounds of 0-20-0 before seeding in the spring of '46.

"We disked the ground several times, and finally took an old two-row horse cultivator and socked it in the ground to tear the sod up. Then we disked some more," Hedinger says. "If I had it to do over, I think I'd plow," he adds.

His pasture doesn't owe him anything even at $15 an acre for seed and fertilizer.

Last year, he didn't graze the pasture very heavily. So he went over it with a combine and got about a bushel of red clover seed per acre. On top of that, he has had plenty of feed. "We couldn't lose; the old pasture was no good," is the way Son Russell Hedinger puts it.

Another Adams county father and son pair is George and Eugene Swartz. They had some blue grass on poor, gravelly soil. They used much the same system to renovate that pasture. Except, Eugene says, they hauled a lot of loads of manure.

"Pastures need nitrogen; that's why you put legumes in pasture mixtures; so manure ought to help, too," he explains.

They have been well pleased with returns from what formerly was an almost worthless piece of ground.

They believe in grazing pasture enough to keep it down, or else think it should be clipped for maximum returns. Yet as you walk thru the field today, you can see a lot of new sweet clover and brome that has come from natural reseeding.

Ask the Swartzes if they think the improved pasture furnishes better feed, and they will point out that steers from this grass, without an ounce of grain, were fat enough to bring 28 cents a pound a few weeks ago.

Pasture at the top of page looks better than this unimproved blue grass just across the fence. Eugene and George Swartz say that the cattle stay on the improved field.

Audra Gibbs, Adair county, Iowa, is a big beef cattle operator. He has quite a pasture improvement story. First, tho, he says: "Don't sell a good blue grass pasture short. Such a pasture can be mighty valuable; but if you are talking about old, wornout, weedy blue grass pastures, it's a different story."

He has 60 acres that received lime and phosphate, and was seeded to brome, alfalfa and bird's-foot trefoil in one area, with Ladino clover instead of trefoil in another area.

This pasture is connected with 40 acres of good blue grass. The cattle don't like to eat the blue grass when they can stay in the renovated pasture.

Last year, 100 cows and calves ran on the pasture until midsummer. They were taken off and the grass allowed to grow up. Real early this spring, 60 cows and calves went on the 60 acres.

By mid-July, the cattle, plus a severe 'hopper infestation, had eaten the pasture right into the ground. The cattle were taken off. Gibbs hired a man with an airplane to dust the area.

Four weeks later, the brome and alfalfa was knee-high—lush and green. "I've never seen anything like the way that pasture came back. It actually was eaten right into the ground before we got rid of those 'hoppers," Gibbs said.

"It's better pasture than blue grass," he adds. "When I move a bunch of cows and calves from blue grass to an improved pasture with legumes in with brome, I can see the difference in the milk the cows make, which means that the calves pick right up."

These farmers all agree you should start the job of pasture improvement in the fall. First step is to test the soil to see how much lime it needs. It's also a good idea to graze the pasture real close, or mow it. That makes it easier to tear up the sod.

Apply lime this fall. Trucks can do the job more easily now while the ground is firm. After liming, disk the pasture several times, on the contour. Or you can plow on the contour if the sod is pretty heavy and you don't have many gullies.

Fall application gives lime time to become available to your new seeding. Next spring, early, apply phosphate and work the soil into condition. Use any implement, so long as you really work the ground. Don't lose your nerve. Make it look black.

More pasture seedings fail because of too little working of the sod than for any other reason.

Then sow your mixture of grasses and legumes. The best mixture varies a little in different parts of Iowa. Your local county extension director can tell you a good pasture mixture for your area. He can also advise you about the amount of phosphate to use, altho 200 pounds of 0-20-0 generally is adequate.

If you plan to graze the pasture the first season, you may want to include a few oats. Either graze the pasture off and on, or clip it occasionally the first year. But don't graze it below shoe-top high.

From then on you'll probably be another booster for pasture improvement.

Wendell and Ronald, sons of the George Pedersens, of Clarke county, Iowa, visited the Wallaces' Farmer and Iowa Homestead booth on the fair grounds and each got a free hat.

Blue Ribbons are worth the effort put forth to acquire them. Betty Clark, of Scott county, Iowa, smiles as her pig wins first place in the 4-H purebred Poland China boar class.

Tired, Thirsty and Happy

DID YOU get to the Iowa State Fair this year? If you did, the pictures on this page will be familiar.

If you had livestock in the judging ring, you can understand just how Betty Clark, Scott county, Iowa (upper right), felt when the judges handed her a blue ribbon.

If you were just a visitor, you can sympathize with Mrs. Ralph Churchill, of Warren county, Iowa (lower right).

If you are like the rest of us, you were glad when the fair was over—but you wouldn't have missed it for the world.

It isn't just press agent's talk to call the 1948 State Fair "the biggest and best ever." It's true that attendance was down a little. Sure, the auto and horse racers had a little trouble with mud. And Sally Rand was missing.

But to the folks who showed hogs, cattle, jellies and cakes—and to the thousands who just came to watch—it was the biggest show on earth.

First Trip to the Iowa State Fair for Robert and Larry Pennebaker, of Des Moines county, Iowa. They came and camped with their neighbors, the Carl Funk family. The boys had a swell time at the fair, claimed "you can sleep most anywhere if you're tired."

Visit to the Fair isn't complete without a visit to the Midway. This picture, which was taken from the top of one of the ferris wheels, shows two girls who are enjoying a good breeze, a fine ride, and getting a bird's-eye view of the grounds.

Weary Mrs. Ralph Churchill came from Warren county, Iowa, to the fair almost daily. Four of her sons exhibited hogs.

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Early Pigs Seem Best Deal

With Hog Crop Increasing, You'll Gain By Hitting Market Ahead of the Crowd

Here's a thumb-nail sketch of farm business prospects during the next few months, as seen by Francis Kutish, Iowa State College farm economist.

EARLY spring pigs should make the most money next year for the man who has the equipment and the "know-how" to handle them. Push them for the early fall market.

As near as we can tell now, demand for meat next fall will be no stronger than now. But the 1949 spring pig crop will be larger. And there will be more long-fed beef and poultry next fall.

So we should see a sharper than usual seasonal drop in hog prices in the fall of 1949. Even so, hogs should pay next year.

The outlook also favors pushing this fall's pigs for early market next year. Normally, in a year of increasing hog production, the early market is best.

Of course, if we seem headed for another twist of the inflationary spiral, it could pay to hold hogs longer. That decision can always be made at market time. But you can't back up and put more meat on your hogs then.

CATTLE: Your decision whether to feed cattle depends upon your optimism regarding business next year, your ability to take cash risks, and other uses you may have for your feed. There is almost certain to be a strong demand for meat next summer and fall—if business holds up. This is not a year like some when you know more cattle are coming to market than the demand will absorb.

LAMBS: An 8 per cent smaller lamb crop, and stiff competition from Kansas wheat pasture feeders, has put a high price tag on feeder lambs. It also is holding up slaughter lamb prices this fall. With more fattened lambs due to come to market this winter, we may not get as great a seasonal price rise for fat lambs as usual.

TURKEYS: Farmers are raising one-tenth fewer turkeys this fall than last year. It is the smallest crop since 1938. If turkey growers carry out their early plans, 5 per cent more birds will be sold before November 1 than a year ago. However, demand for turkey meat is strong, and feed prices are declining. This may slow up sales somewhat.

DAIRY: Milk flow continues below a year ago. Cheaper feed costs mean better dairy profits. This is a year to full-feed grain to good dairy cows. Raise all the heifers from your best cows—if you have the roughage to handle them. Demand for dairy cows will be relatively good for the next few years.

POULTRY: Cheaper feed costs assure better egg profits this winter. House all the pullets you can handle. Good feeding and management will pay well this year.

SOYBEANS: Normally, beans sell for about one and three-fourths times the price of corn. A price twice that of corn is better than normal. Of course, the world shortage of fats and oils is a supporting factor. If the government should relax export controls, soybean prices would strengthen.

CORN: The bumper corn crop may depress corn prices below the loan level at harvest time. Most farmers will want to seal corn or take advantage of the government purchase program if the cash price is around loan level.

FARM MACHINERY: Production of farm machinery this year is up about 10 per cent above last year's record. Manufacturers are stepping up their factory capacity. So 1949 should see a still further boost in farm machinery output.

FERTILIZER: Early estimates point to more fertilizer next year. Farmers used nearly two and one-half times more fertilizer this year than before the war. And next year's outlook is for 6 to 10 per cent larger supplies than this year.

Kile Tells About Farm Bureau

Many Farm Bureau members will enjoy "The Farm Bureau Thru Three Decades," by O. M. Kile (Waverly Press, Baltimore, Md., $3.50). This book is a discussion of the Farm Bureau by a former employe who finds all the Farm Bureau's actions to be meritorious.

While Kile covers a lot of interesting ground, he is unreliable on many critical spots. His account of the start of the corn-hog movement program, for instance, omits entirely the first conference at Des Moines, called by the Iowa Swine Producers Association. In general, he gives the Bureau more credit than it may have earned for its work in the early AAA period.

Farmers who want to get the complete story had better buy also "The American Farmer," by Lee Fryer (Harpers, $3). This is an account of recent farm events told from the Farmers Union angle. It deals with American agriculture as a whole, not with one farm organization.

You can get a good debate by reading Kile and Fryer on the Farm Bureau's successful campaign against the old Farm Security Administration.—D. R. M.

What Kind of Cribs?

Farmers are starting to rush around to get the big 1948 crop of corn under cover. What kind of cribs are they putting up?

The next issue of Wallaces' Farmer and Iowa Homestead will give you more suggestions on corn storage, and more reports on what other farmers are doing.

Be sure your corn is fit to seal.

YOU CAN BE SURE... IF IT'S Westinghouse

How to Lick a Labor Shortage

Sure . . . farm labor is scarce and expensive . . . hand labor, competing with machines, always has been . . . always will be. Human labor is too slow and costly to produce all the food the world needs.

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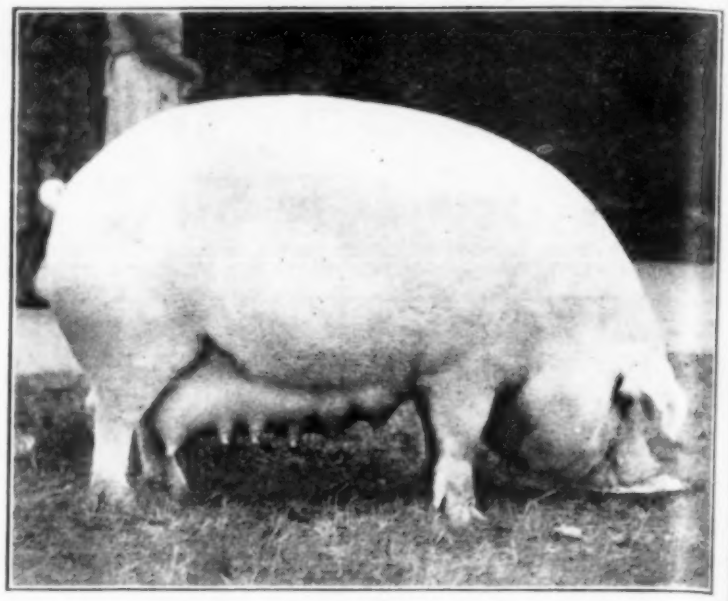

Senior and Grand champion Chester White sow, Autumn Maid, at the 1948 Iowa State Fair. This aged sow was exhibited by Roy V. Copp, of Glidden, in Carroll county, Iowa.

Purebreds Overflow Hog Barn

1948 Iowa State Fair Swine Show The Largest Since World War I Boom Days

TWO years ago, when some of the 1946 Iowa Fair hog classes weren't filled, people thought how nice it would be when the hog show got back to normal.

It got back to normal last year—but it didn't stop there. It kept on growing. Possibly there were moments in the 1948 fair when harassed officials, judges, breeders and herdsmen were still wondering when the hog show would get back to normal.

Unless you saw some of the State Fair hog shows just after World War I you probably have never seen a hog show quite like the 1948 National Swine Show at the fair.

That is the opinion of many of the veterans at the ringside.

There are several important differences from the shows of the early twenties. For one thing, the type of the hogs has been revised a couple of times in the past quarter of a century.

Purebreds at the 1948 show will produce less lard, more pork—do it faster and on less feed. The purebred business itself is in a much sounder position.

You'll hear of some mighty high prices this fall; but more of the sales will be for cash. Breeders aren't trading "paper" like they did after the first World War.

The hog show reflects general optimism of breeders and commercial hog men concerning pork prospects just ahead. Cheaper corn and strong meat prices indicate profitable pork production.

The Duroc show this year was a humdinger. M. C. Cramer, veteran Duroc booster, thought 1947 was a good Duroc show, but says this year's was one of the best.

"I've seen bigger Iowa shows, with over 5,000 hogs, but this is the biggest show in the last 25 years," he said.

In some junior classes, judges had to first sift the huge entry list down to the top 35 or 40 hogs. These were held in the ring while the others were taken back. Then a judge still had a big class from which to pick those in the money.

At times, there was almost a quorum of the Iowa Swine Producers Association right in the ring. The Duroc senior spring gilt class, for example, had 161 catalog entries. If you weren't showing your own hogs, you had a chance to show for someone else.

Spotted Polands had one of the largest shows in breed history. Almost every breed set new records in numbers, and without any slackening in quality.

Hampshire breeders saw one unusual occurrence. Both the 1947 boar and sow junior champions came back this year to be senior and grand champions.

Entries of 4-H and FFA juniors in their own show, plus the breeders' hogs in the open show, would push total purebreds at the fair up toward the 4,000 mark.

Number of hogs entered doesn't always show how many actually appear in the ring. However, the Durocs led the entry list with 641. There were 478 Chester Whites, 437 Polands, 412 Spotted Polands, 397 Hampshires, 269 Berkshires, 170 Herefords and 48 Tamworths. The scheduled Yorkshire show was canceled this year.

Prof. A. L. Anderson, Ames, of the Iowa State College animal husbandry department, placed Spotted Polands and Herefords. E. L. Quaife, Ames, swine extension specialist at ISC, judged the Tamworths.

Other judges were Warren Connor, Glidden, Chester Whites; W. C. Anderson, West Liberty, Polands and Durocs; Harold Wehrman, Belle Plaine, Berkshires; Leon J. Frantz, Grand Junction, Hampshires.

Champions as well as winners in classes are listed in the placings section in this issue.

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It's a satisfying sight to see sound, golden Pioneer ears roll in a steady stream out of your picker elevator . . . and to hear them thud onto the wagon box. Big yielding Pioneer corn fills up your wagon box fast. It's bred to make the greatest yields your soil and weather can give. What's more, it usually overruns measured cribs up to 15 per cent when shelled. This means more grain you can sell or feed . . . more profit from your corn crop . . . better living for your family. Pioneer corn is bred to make better crops under all conditions. It is produced by the first commercial producer of hybrid seed corn—has the advantage of 35 years continuous hybrid corn breeding research behind it. For dependable corn crops plant Pioneer seed corn.

"PLANT THE RIGHT HYBRIDS" Your local Pioneer representative will help you select the right Pioneer hybrids for your farm. If he hasn't yet seen you, he soon will. Order your Pioneer seed corn through him. Plant heavy yielding, dependable Pioneer hybrid corn in 1949.

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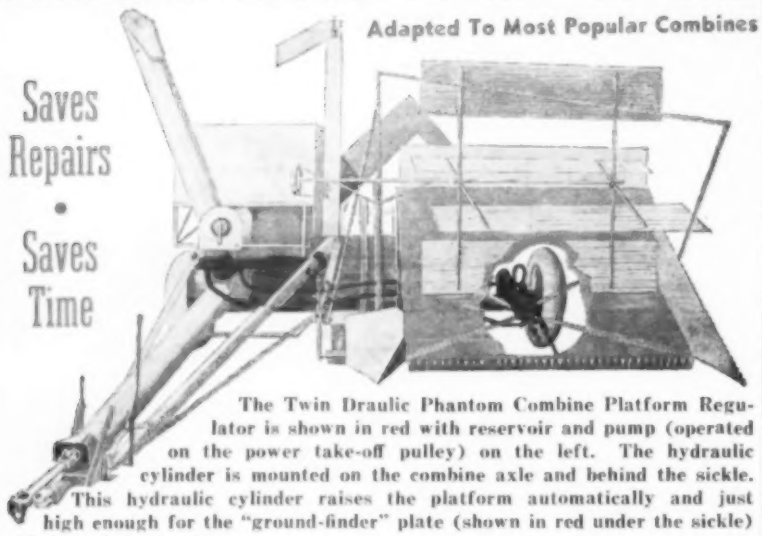

The Twin Draulic Phantom Combine Platform Regulator is shown in red with reservoir and pump (operated on the power take-off pulley) on the left. The hydraulic cylinder is mounted on the combine axle and behind the sickle. This hydraulic cylinder raises the platform automatically and just high enough for the "ground-finder" plate (shown in red under the sickle) to clear the ground.

Twin Draulic

- Faster combining, up to a third more acres per day.
- Pays for itself the first harvest in grain or beans saved.
- Automatically keeps sickle at correct cutting height for ditches, ridges, level ground.
- Eliminates many breakdowns caused by gouging the sickle into the ground.
- Floats the Combine platform over the contour of the field like a phantom.

Hydraulic power again proves to be the farmers' best "hired man" in savings of time, breakdowns and crops. The Twin Draulic Phantom Combine Platform Regulator is easily adapted to most popular makes of combines. Its efficiency and crop saving advantages are proved in the fields of practical farmers. The savings made in a single harvest should more than pay for the Regulator that is built to outlast the combine.

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Model "C" fits most all row crop tractors. Model "4W" fits large size four-wheel tractor. Small "4W" model fits Ford Tractor.

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Back To the farm after 20 years of retirement go Julius Fabian and wife, of Delaware county, Iowa. They ran the place for two weeks while daughter and son-in-law took a vacation in Florida.

Average Frost Date Two Weeks Away

Corn and Beans Won the Race Easily; Only Hard Freeze Could Be Damaging

IF FROST dates could be known in advance, it often would help to save feed, and also would save a lot of uncertainty and worry.

So far there is no dependable advance information on the coming of frost. All we have to go by is average dates over the years.

The record shows that, on the average, killing frost can be expected in northern Iowa between September 30 and October 5. In most of southern Iowa the average indicates October 5 to 10.

These dates refer to killing frost with temperatures of 32 or lower. Light frosts have hit Iowa in every summer month. These harmless frosts are not counted. But as killing frost dates are an average, killing frosts may come sooner or later. How much sooner?

In 1883—65 years ago—a killing frost hit large sections of Iowa on September 8 and 9.

But frost has hit nearly all of Iowa as early as September 12. In 1902, every Iowa weather station except Clarinda reported 32 degrees or lower on September 12. Northern Illinois and all Nebraska had killing frost at the same time.

Early frost came again to some sections of northern Iowa in 1917. Lowlands got hit that year on September 11. Only these three times do such early killing frosts appear in Iowa weather records.

So chances of killing frost in the first half of September are small, according to 74 years of weather records. But killing frost has come several times in the third week of September.

During the last 10 days of September, chances of killing frost increase rapidly. In about two years out of five, during the past 45 years, killing frost has hit Iowa between September 20 and 30.

Average killing frost dates are only a general guide, however. The visits of killing frosts, like rains, vary by localities. Frost may occur in one locality, and not in another 50 miles away.

Sometimes there is a difference of 30 days in the first frost date as between northern Iowa and southern Iowa. The average difference is less than one week, however.

There is an old saying that "the first frost doesn't bite anything." This is not always true. But many light frosts are seen which have no apparent bad effects on vegetation.

The damage caused by frost is an extremely variable thing. The weather men report temperatures in the twenties with no damage to tender vegetation.

This seems to occur when the dew point is far below freezing. When there is no deposit of moisture in the form of dew or frost, plants can stand a little freezing. They stand dry cold weather better than wet cold weather.

But there may be a light, visible frost without anything being killed. This may result when the freezing temperature does not last long enough enough to freeze thru the plant leaves.

The first frost in 1947 caught some corn in northern Iowa before the corn was fully mature. Yet there was little or no soft corn. The frost that time was so light that only the leaves were nipped.

There is an apparent difference between ordinary frosts and freezing temperatures. If only the thin leaves are killed on corn, the corn will dry out if good weather follows.

But if the corn stalks and ears are frozen thru, damage will result regardless of favorable weather which may follow. Frozen corn may fail to germinate. And some say the structure of the corn is changed by the freeze so that it does not lose its moisture naturally.

Standard Oil Agent Ray Hall of West Des Moines, Iowa, talks with C. W. Finney about Pat Finney's spotted Poland China barrow . . . bought with money saved on the Special Farm Deal.

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Through Standard Oil's Special Farm Deal you get special discounts in return for your advance order. You buy quality products you are going to need. You have them delivered when you want them. You pay only on delivery and you save as you pay.

Ask your Standard Oil Man *now* about this money-saving deal.

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Standard Greases—Right types and grades for every purpose.

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Superla Insect Spray with DDT—For spraying on walls, ceilings, etc. Keeps killing for weeks.

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Bovinol 25% DDT Concentrate—Mix with water for spraying barns and stock.

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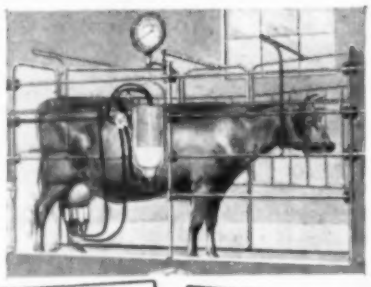
The De Laval Model A Combine Milking System milks, weighs and conveys. It is the "shortest route from cow to bottle" and provides complete mechanization of the milking operation. Here is the utmost in sanitation and economical milking.



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Top Shorthorn female at Iowa Fair was Miss Gipsy Maid, junior yearling shown by George Struve & Sons, of Manning, Iowa. Previously, she had won at Illinois and Missouri fairs.

"Best Cattle Show Since The War"

Beef Cattle Breeders From Six States Win Top Places at Iowa State Fair

WHEN beef cattle breeders arrived at the 1948 Iowa Fair, they found new exhibitors and a barn full of cattle. Classes were longer and stronger than last year.

"Best beef cattle show since the war" was the verdict of old-timers. They had said, during the first post-war show, in 1946, that it would take a few years to get a cattle show of pre-war strength. They were right.

Despite heavy competition from other states, Iowa breeders took about half of the first places in the age classes for the three breeds—the Hereford, Angus and Shorthorn.

In 36 age classes, Iowa breeders showed animals that won 17 firsts. Seven firsts went to Illinois; six to Missouri; five to South Dakota; one to Texas.

In the breed championship classes, Iowa herds got three out of six championships and four of six reserve championships.

Among Iowa winners, Otto G. Nobis, of Scott county, showed both champion bull and champion female in the Angus breed.

H. C. Pearson, Warren county, had Hereford reserve champions in both males and females.

George Struve & Sons, Carroll county, showed the breed champion Shorthorn female. Holz Bros., Greene county, showed the reserve champion Shorthorn female.

Sunset Knoll Farms, Story county, had reserve champion Angus female.

S. B. Hudson & Son, of Marion county, had reserve champion Polled Shorthorn female.

Helfred Farms, owned by F. W. Hubbell, Polk county, showed first place senior bull calf and first place junior heifer calf in Shorthorns.

Here are champions and reserve champions, with names of exhibitors and the animals' registered names:

Hereford Bulls: Champion was shown by Bianchi Farms, Macon county, Missouri. B. H. R. Reality 2d is a two-year-old. He won first at Missouri and reserve at Illinois this year. The reserve champion, Fearson's Duke 6th, is a junior yearling.

Angus Bulls: Otto G. Nobis won first on Bandolier 144th of Wilton. This bull was also Missouri champion. He is three years old. The reserve champion Angus bull was a two-year-old, Homeplace Eileenmere 8th, shown by Penney & James, Caldwell county, Missouri.

Shorthorn Bulls: Edellyn Farms, Wilson, Ill., showed the champion Shorthorn, Edellyn All-Star Mercury. He is a junior yearling and was first in his class in the Illinois show. The reserve champion bull, Gregg Farms Mercury, is a roan senior yearling, shown by Dr. S. A. Donahue, of Minnehaha county, South Dakota.

Hereford Females: The champion was shown by Harrisdale Farms, near Fort Worth, Tarrant county, Texas. Lady Brummel B. 102d is a two-year-old. H. C. Pearson's reserve champion is a junior yearling—Pearson's Duchess 4th.

Angus Females: The Nobis entry which won first in the Angus breed is a two-year-old, Erica Esterella of Wilton. Sunset Farms Story county, Iowa, won the reserve championship on Barbara 2d of Sunset. She is a summer yearling.

Shorthorn Females: George Struve & Sons' breed champion Shorthorn is registered as Miss Gipsy Maid. She is a roan junior yearling. She was breed champion at the Illinois and Missouri shows this year. Holz Bros.' reserve champion, Mary Anne 3d, is a white two-year-old.

Polled Shorthorns: Lewis Thieman & Sons, of Lafayette county, Missouri, showed the champion bull, King of Vanities 50th. Reserve was won by Albert Hultine & Sons, Clay county, Nebraska, on Collynie Nobleman. Thieman also showed the champion female, Augusta Coronita 27th. The reserve champion female, Highland Lavender Early, was shown by S. B. Hudson & Son, of Marion county, Iowa.

DEALER AFTER DEALER REPORTS...

"CARGILL IS TODAY'S FASTEST GROWING NAME IN HYBRIDS!"

SHEEHAN PRODUCE, LEMARS, IOWA —"We sold 112% MORE Cargill Hybrids last year than the year before."

DAY FEED MILL, BRAHAM, MINN.— "We INCREASED our sales of Cargill Hybrids 150% last year."

DODGE'S FEED STORE, MENOMONIE, WIS.—"Cargill is the fastest growing name in hybrids. We sold 98% MORE than ever before last year."

OLIVER SIMONSON, GROTON, S. D. —"My Cargill Hybrid sales INCREASED 100% last year."

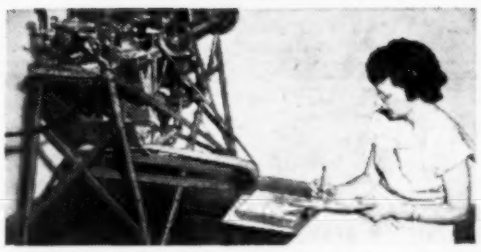
CHERNEY & WATSON LUMBER CO., WALTHILL, NEBR.—"Our Cargill Hybrid sales INCREASED 150% last year."

MOORE'S FARM SUPPLY, TRENTON, MISSOURI—"Our sales of Cargill Hybrids INCREASED 127% last year."

DEALERS KNOW IT . . . RECORDS SHOW IT! Cargill is today's fastest growing name in hybrids! More and more corn growers demand the superior qualities they get when they plant famous Cargill Crop-Proved Hybrids. They know that years of careful breeding have created Cargill Hybrids that will grow well and mature safely for each zone of the corn belt. Place your order now with your Cargill dealer or salesman. Be sure you'll have Cargill Hybrid for 1949 planting.

CARGILL EXPANDS Plant Facilities to Keep Pace with RAPID GROWTH!

GERMINATION TEST: Every lot of Cargill Hybrids is given the most exhaustive germination tests to meet Cargill's strict standards of quality.



PLANTER CHECK: Each variety of Cargill Crop-Proved Hybrids is given an exacting planter check on various planter plates. When you buy Cargill Crop-Proved Hybrids you know you'll get accurate planting on your corn planter.

COLD TEST: Corn is placed in cold, wet, disease-infested soil for 8 days. Then under good conditions it must grow well to meet Cargill standards.

Surveys* Show That 91 out of 100 Farmers Who Grew Them Liked Cargill Hybrids Better Than Other Leading Brands

The way corn growers find out which hybrid they like best is by comparing hybrid with hybrid. They check *results!*

And, the growing demand for Cargill Crop-Proved Hybrids caused Cargill to make a survey* in 1946-'47. This survey showed that 91 out of 100 farmers who grew them liked Cargill Hybrids better then other leading brands.

When corn growers were asked *what* they liked *better* about Cargill Hybrids their reasons were many. Some liked its high germination and vitality . . . Cargill Hybrids are treated by the wet method Slurry Treatment to guard against cold, wet soil and soil fungi. Others liked the fast start, good standability, safe maturity and big yields of Cargill. Others liked its drought resistance, insect tolerance, and no ear drop.

So, this year be sure *you* plant famous Cargill Crop-Proved Hybrids. See your Cargill dealer or salesman now!

PLANT NO. 1—Cargill Crop-Proved Hybrids are dried, graded and stored in this huge, modern plant in Minneapolis.

PLANT NO. 2—Headquarters for all Cargill Crop-Proved Hybrid operations is this up-to-date plant located in St. Peter, Minnesota.

PLANT NO. 3—Here huge quantities of Cargill Hybrids are dried, graded and stored until ordered out for spring planting.

PLANT NO. 4—This, the newest Cargill plant, Grinnell, Iowa, distributes Cargill's Grinnellian Hybrids as well as Cargill Hybrids.

CARGILL HYBRIDS

CARGILL

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Ever think of these as Farm Implements?

Modern farmers, with their efficient and highly specialized implements, harvest crops *fast*.

Consequently, railroads must be prepared to handle heavy movements from the time harvesting begins. This requires the skillful and efficient use of another kind of "farm implement"—railroad cars—upon which farmers and the nation depend to get crops to market.

To do this essential job, the railroads have been acquiring new rolling stock as fast as it could be manufactured. Since the end of the war they have built and bought nearly 200,000 new freight cars. And they have on order another 100,000 cars, or close to a full year's output for the railroad car builders.

These cars are just a part of the vast railroad renewal program which includes progressive improvement also in motive power, roadbed and signals, materials and methods—to the end that the American railroads shall continue to provide the most economical, the most efficient, and the safest transportation in the world.

ASSOCIATION OF AMERICAN RAILROADS

WASHINGTON 6, D. C.

Brannan Says:

"Fight Against Farm Is Under Way"

Secretary of Agriculture Denies That Farm Supports Are Increasing the Cost of Living

Iowa AAA men joined with Secretary Brannan in a testimonial dinner in honor of Al Loveland, in Des Moines, last week. Loveland began work as a township AAA committeeman; was a county committeeman in 1937, and was state committeeman in 1939.

Secretary Brannan, after a tribute to Loveland, went on to discuss the farm price situation. Extracts from his talk follow:

A GROWING number of groups in this country have become vociferous about "the terrible way price supports are keeping up the cost of living." Day after day, I read some version of that statement in the papers.

Loveland, of Bremer county, Iowa, who is now undersecretary of agriculture, is honored at dinner by AAA men.

The actual fact is that agricultural price supports are keeping down the cost of living. Not many city people know that. Too many have been deliberately misled.

Take meat, for example. Prices of beef, of pork, of lamb, of chickens, are not being supported at all. But how many know that? How many know that demand for meat is so great that its selling prices are far above the levels at which, according to law, support would have to be applied?

Some folks believe that our agricultural programs are actually keeping down meat production.

The fact is that agricultural programs have not only been of tremendous help in increasing meat production, but today Americans are eating 15 per cent more meat than before the war. Remember, this is a per capita figure.

Our population has increased a good deal in the past 10 years. The number of farmers has decreased. Yet, on the average, every person in this larger population is eating 15 per cent more meat than persons in the smaller population of pre-war.

It is this increased production that has kept meat prices from soaring far higher than they are.

And I have no hesitation in saying that without the bulwark of the price support behind them, American farmers would not dare to produce as they are producing today. . . .

In a few quick sentences, let me present some of the facts:

First, price supports are currently in effect on only three important foods — eggs, wheat and potatoes. Government buying has had very little effect on egg prices and only in some areas.

What has happened to the Commodity Credit Corporation? You growers of corn should know.

First, a bill was passed to take the CCC away from the direction of the secretary of agriculture in carrying out the price support law and turn it over to the board of directors. Another law, fortunately, overrides that provision and authority is straightened out.

A more successful attempt was the crippling of CCC so far as its expansion of storage facilities is concerned. This year, farmers in the corn belt are producing the biggest corn crop of all time. Other grains, too, are at record or near-record highs.

Hundreds of millions of bushels of grain must be stored. Many farmers have sold wheat, oats and barley at less than support prices because they did not have enough farm storage space and could not find commercial storage.

Storage facilities now are not much greater than they were in 1940. Terminal storage will soon fill up. We can look for no solution there.

In previous years, CCC was empowered to expand or contract its storage facilities according to the need. At one time, it had facilities for 300 million bushels. But CCC today has bins enough to store only about 50 million bushels. A new law prohibits CCC from expanding its storage facilities. . . .

Brannan, secretary of agriculture, says congress has hurt corn loan by crippling Commodity Credit Corporation.

Dearborn
FARM EQUIPMENT

For CLEANER CORN and MORE OF IT
DEARBORN-WOOD Bros. CORN PICKER

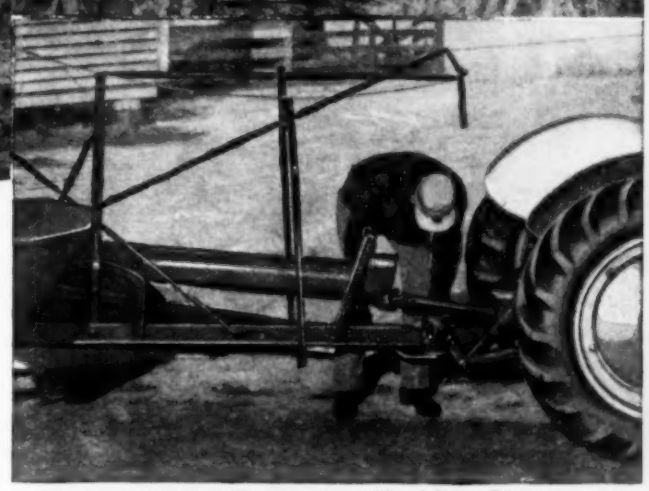
No wonder the Dearborn-Wood Bros. Picker is so popular with farmers, including leading seed corn growers. Because it can easily be kept centered on the row, it does a really clean job. It works as well on contoured rows as on straight rows.

Floating gathering points get the down corn . . . corn so often left in the field. Not two, but three gathering chains keep the ears moving into the picker. The lower chain catches the low hanging ears and prevents snapped ears from falling off the rolls.

The Dearborn-Wood Bros. Picker husks corn clean. The husking bed, bigger than in most 2-row machines, has six rolls, not just four. Three are rubber, paired against three steel rolls. That's why this Picker husks corn so fast . . . removes husks and silk so completely . . . yet handles ears so gently.

See your Ford Tractor dealer now about getting your Dearborn-Wood Bros. Picker in time for this year's crop.

DEARBORN MOTORS CORPORATION • DETROIT 3, MICHIGAN



ATTACH IN 5 MINUTES—The Dearborn-Wood Bros. Picker can be attached to Ford Tractor, or any 2-plow tractor, in only 5 minutes . . . detached in 5 minutes. Only requirement is a standard ASAE Power take-off, or conversion kit.

EASILY CENTERED ON THE ROW
Result: Clean, thorough picking. Picks narrow rows as well as wide rows.

EXTRA LARGE HUSKING BED
$14\frac{3}{4}$" wide, $37\frac{7}{8}$" long. Three rubber and three steel rolls husk corn clean . . . and gently.

See Your Dealer—
Your nearby Ford Tractor dealer is headquarters for Ford Tractors, Dearborn Farm Equipment, genuine Ford Tractor and Dearborn Implement parts, and for service second to none. Stop at his place of business the next time you are in town.

Ford
TRACTOR

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Ford Farming MEANS LESS WORK... MORE INCOME PER ACRE

BETTER GAINS *on Less Feed*

Supplement Your Ration with . . . Peebles'

CONDENSED WHEY-PRODUCT with Ribolac*

Handy 50 and 100 lb. fibre drums. Also economy size 500 lb. barrels. GUARANTEED 55% SOLIDS. WILL NOT MOLD.

You can put extra pounds on your growing pigs for less money by feeding Peebles' *Condensed* Whey-Product with Ribolac as a supplement to your present ration.

This appetizing, growth-promoting milk-solids supplement will help you increase daily gains. That means getting your pigs to market weight in less time. What's more—you can do it on less feed!

Peebles' *Condensed* Whey-Product with Ribolac is economical and easy to feed. Its nourishing 100% milk nutrients will make your ration more efficient by making it more completely balanced.

Ribolac provides a guaranteed level of Riboflavin as well as other B-Complex vitamins and growth factors needed by swine. Peebles' *Condensed* Whey-Product is also fortified with Niacin to help protect pigs from Necro and Vitamin D_2 to help guard against Rickets.

Get this money-making milk-solids supplement from your dealer today. Feed it every day—to your swine, chickens, turkeys and calves.
Free folders at your dealer.

32% Increase in Daily Gain — **Peebles' DRIED Whey-Product with Ribolac** — **17% Increase in Feed Efficiency**

Ask your feed dealer to mix it in your hog feed or concentrate

Recent tests with growing pigs from weaning to 75 lbs. in drylot fed ground yellow corn, soybean oil meal, meat and bone scraps, plus minerals and irradiated yeast gained over ½ lb. (.69 average) daily. They consumed 365 lbs. feed per 100 lbs. of gain.

But when 4% fortified dried whey-product was added to this ration, pigs averaged .91 lb. daily gain or 32% MORE. These pigs consumed only 302 lbs. feed per 100 lbs. gain—a saving of 63 lbs. per CWT; a 17% gain in feed efficiency!

Be Sure Your Mixed Feeds are fortified with Peebles' DRIED Whey-Product with Ribolac

***Ribolac** — the exclusive Western Condensing whey fermentation product which provides additional Riboflavin and other B-Complex vitamins and growth factors (both known and unknown) present in milk sources.

Food from the farm... returned to the farm!

WESTERN CONDENSING COMPANY
America's Largest Processor of Whey Products
Appleton, Wis. • San Francisco, Calif.

HARVEST HELP—Available NOW

Haul BIGGER loads with the original fifth-wheel trailer—the heavy-duty

DEALERS: They're selling fast. Write or call today.

BRADY FARM TRAILER

Ask your dealer—or write . . .

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Available now, when you need it! Built bigger, built tougher — for more and better service. Other trailers may look like it, but be sure you get the original—the big, rugged BRADY fifth-wheel trailer.

When writing to advertisers, will you please mention this paper?

First Trip to the Iowa Fair baby beef show got Melvin Montgomery grand championship award on his one entry. He had lots of competition. Over 400 calves were entered by other boys and girls.

Baby Beef Winner Raised His Calf

State Fair Show Topped by an Angus This Year . . . Hereford Gets Second

WHEN the champion calf is named at the Iowa State Fair baby beef show, the visitors look at the boys and girls possibly more than they look at the fat calves. Some of the juniors choke with emotion, some laugh, and occasionally there are tears.

This year, a smiling 14-year-old boy with an easy manner showed the top calf. The grand champion was an Angus, 17 months old, and weighed 1,097 pounds.

Melvin Montgomery lives in Mahaska county. He is the son of Mr. and Mrs. Orville Montgomery.

As the judges made Melvin's calf grand champion over 413 calves entered, the crowd pushed in to congratulate him and to ask questions. There were some unusual answers.

Melvin had "never shown at the State Fair before . . raised his own calf . . Bandolier was from a herd of six cows and heifers . . the herd is registered in the names of father and son as partners . . the calf's dam was a county 4-H Club winner."

Vernon Wagler, Davis county, gave Melvin a close race for top honors with a 1,042-pound Hereford. Vernon, 16, is the son of Mr. and Mrs. Lowell Wagler.

Vernon had been at the State Fair before, however. Last year, he showed the reserve champion heifer in the junior show. He got his calf from a neighbor, but he is building his own herd.

Joan Snyder, 16, Clay county, had the top Shorthorn calf of the show, and came within one step of a championship award. Joan was showing her first time at the State Fair. But she made an unusual record last year at the Clay county, Iowa, fair.

In the 1947 district show at Spencer, Joan won grand championship with a Hereford and reserve championship with an Angus entry. Those victories encouraged her to come to the State Fair.

Three other calves were in the ring when the grand champion and reserve champion awards were made. They were reserve champions of the three breeds.

Reserve champion of the Angus breed was shown by Keith Windus, Muscatine county. Hereford reserve champion was shown by Willis Glenn, Jones county. Reserve champion Shorthorn was shown, by Jay Meiske, of O'Brien county.

Melvin Montgomery fed his grand champion baby beef on corn and cob meal and oats for the grain ration. Protein feed was fed from the start. Clover hay was the roughage.

"Did you change the feed at the last to put the bloom on?" Melvin was asked.

"I increased the protein supplement in the last part of the feeding period and left the oats out," Melvin replied.

At the sale on Friday following the show, Melvin's calf sold for a record $1.71 per pound to John Morrell & Co., Ottumwa. Total for the calf was $1,875.87.

Vernon Wagler's reserve grand champion sold for 80 cents per pound to Rath Packing Co., Waterloo. Total received was $833.60.

Mahaska county 4-H Club members must still be thinking of their victories at the State Fair baby beef show. They won two more in addition to the grand champion calf.

In the group of five steers, the grand championship was won by Mahaska county. Melvin's grand champion calf helped win this victory by being one of the five.

In the individual showmanship contest, Marvin Smith, Mahaska county, was placed first. Norman Peterson, Story county, was second, and Weldon Towe, who exhibited last year's grand champion calf, was third.

This year's results indicate that it is hard to repeat in the State Fair junior show. Both Weldon Towe, last year's winner, and Edith Spear, winner two years ago, had calves entered. They did not get into the final round.

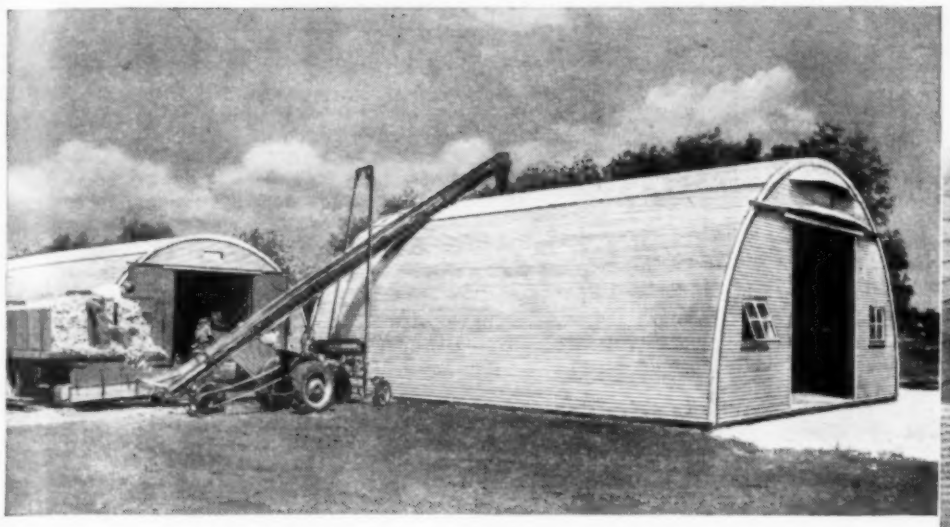
Save Your Corn—and Save Money

QUONSET* 32

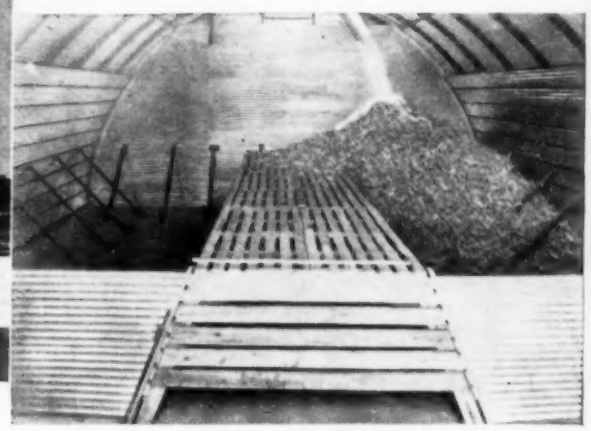
CORN STORAGE AND CONDITIONING BUILDING

Solves Storage Problem Profitably

*REG. U. S. PAT. OFF.



Removable roof sheets make for easy loading. Corn is removed by way of the ventilating tunnel.



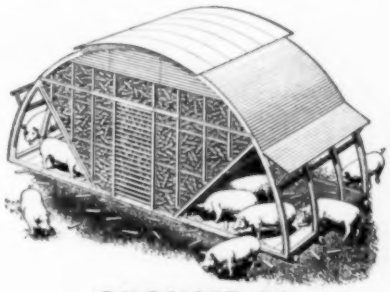
A 32 x 36-foot Quonset, with ventilating tunnel, holds up to 5,000 bushels of unshelled corn. The tunnel, built in 4-foot sections, can be readily removed, to adapt the building to other uses between seasons. For storing smaller amounts of corn, individual sections can be removed and a partition installed.

In this year of record crops, farmers everywhere—forced to store corn right on their farms—have been quick to appreciate the advantages of the versatile Quonset.

The profit possibilities of the all-steel Quonset 32 are too great to be overlooked. Storing your corn in a low-cost permanent building . . . on your own farm . . . to sell at the best time and price . . . is a direct way to big savings and increased earnings.

Here's the simple arithmetic: A Quonset 32 (32 x 36 feet), complete with ventilating tunnel and fan, will keep 5,000 bushels of unshelled corn in top-value condition. Yet its cost, erected and equipped, is so low that your storage costs per bushel per season soon become almost negligible.

Come in and look at a Quonset—see how well adapted it is to corn storage use, how valuable it will be for other farm uses between storage seasons. You can get fast action, too—your Quonset is here, for immediate delivery and quick erection. Call or wire your nearest Quonset dealer listed below.



QUONSET 20
PORTABLE CRIB FEEDER

Holds 500 bushels of ear corn. Eliminates 90 per cent of the work required for feeding corn to hogs. Can be moved from place to place with a tractor. Feeds 50 to 60 200-pound hogs for the season. Ask for full information.

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Completely Automatic Heating Plant and Air Conditioner

The Ever-Ready JET-O-MATIC really earns its keep on the farm. Provides clean, comfortable oil heat for the entire farm house in winter. JET-O-MATIC can also be used as a money-making corn drier **and** space heater for barns and sheds. Compact and extremely portable, JET-O-MATIC mounted on skids or wheels, moves easily from job to job. Here is one farm tool that gives satisfying service the year 'round.

PAYS FOR ITSELF — Drying corn at rate of 1,000 bu. per 24 hrs., JET-O-MATIC pays for itself in one season by increasing the value of your corn. Minneapolis-Honeywell automatic controls insure minimum fuel use. Burner is thoroughly approved by UNDERWRITER'S LABORATORIES. JET-O-MATIC is the efficient solution to your heating problem!

Mail Coupon for Complete Information, Prices and the Name of Your Nearest Dealer

CORN DRIER

Pays for itself in one season as corn drier. Highly efficient. Reduces cleta moisture to desired point at rate of 1000 lbs. per 24 hrs. Easy to move because of compactness and portability.

SPACE HEATER

Warm, comfortable heat for garages, machine shops, chicken and hog houses, dairy barns and quonset huts. Ever-Ready Jet-O-Matic comes completely assembled. Unit functioning, wherever you need it, in less than 24 hrs.

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Comes ready to operate. No expensive assembly charge. Easily installed in present heating system or new homes. Gives clean, fast, economical oil heat. Complete automatic operation assures steady warmth plus efficient fuel use.

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TWO-WAY DISC PLOW BY TOWNER

Thousands of progressive farmers are using the world famous TOWNER OFFSET DISC HARROW as a two-way plow . . . supplementing, even replacing, moldboard and one way disc plow operations.

Here's why:

TURNS THE SOIL TWO WAYS
Doing a double tillage job . . . without burying the top soil.

CONSERVES HORSEPOWER
Rolling moldboards give less drag...thus every unit of horsepower counts for *useful* work. A 35-40 HP Tractor is adequate for a 10½ ft. offset disc harrow.

LEAVES THE LAND LEVEL
Combined action of two disc gangs returns earth to its original location . . . preventing the usual movement of top soil toward the edge of field.

CUTS 6 IN. TO 8 IN. DEEP
(or as shallow as desired)
TURNS RIGHT OR LEFT

POWER-RATED FOR YOUR TRACTOR...available in sizes from 4½ ft. to 24 ft., with mechanical or hydraulic control . . . white iron or oil bath bearings . . . 22 in. or 24 in. blades.

Compare this amazing TOWNER OFFSET DISC HARROW with any tillage tool. It's the perfect answer for open field, orchard or vineyard . . . for summer fallowing, seed bed preparation, turning under grain stubble, cotton or corn stalks . . . and for vegetable farming. See it, try it and you will "*Till with Towner.*"

SEE THE TOWNER OFFSET DISC HARROW AT YOUR DEALER
SINCE 1915

TOWNER MANUFACTURING CO., Santa Ana, Calif.

Who's Keeping Up Living Costs?

Farmers Get a Black Eye as Campaign Warms Up on Issue of Cost of Living

WASHINGTON, D. C. —Who is making the consumer pay high prices for pork chops and beefsteak? Some political orators are accusing the farmer.

Secretary of Agriculture Brannan, on his trip to the west, is fighting back.

He says the main reason for high food prices is expanded buying power. Those with fat pocketbooks bid high for the food they want.

Brannan thinks an excess profits tax would lower living costs. He also says a few kind words for revival of price controls.

Nobody, including the Truman officials, really thinks price controls can be revived. Controls are just something to make speeches about.

But the Democrats can point to the jump in living costs since price controls were abolished.

And they point out that the only cheap foods are the ones on which supports are working. The high-priced foods don't need government support.

Main argument of the Truman-Brannan group is that price supports have encouraged farmers to produce abundantly, and that, without this encouragement, there would be less food. And it would cost more.

Cost of running a farm has gone up. That's one thing some critics of farmers overlook.

The farm mortgage debt has gone up around 100 million dollars for the second year in a row.

Federal income taxes paid by farmers have sky-rocketed from only 15 million dollars in 1940 to an estimated 960 million dollars for last year.

After paying federal income taxes, farmers' net income for 1947 would buy about 6 per cent less of the things farmers need than would the smaller income of 1946.

Farm property taxes are up. And going higher.

Farm wage rates are setting new high records. They are about 7 per cent higher than a year ago.

Prices paid by farmers for the things they buy to produce crops and livestock averaged about 10 per cent higher in the first half of 1948 than in the whole year of 1947.

But farm income, in the same period, rose only 4 per cent.

Prices of the non-farm commodities that farmers buy are now going up faster than prices of the things farmers sell.

As non-farm prices rise, and farm product prices decline, support prices will take on new importance for agriculture.

For most farmers, support prices don't mean much now. But they will think more about them as the market goes downhill.

This looks like a good winter to feed the milk cows plenty of grain. That's what the Department of Agriculture is urging.

Milk production is still lagging behind consumer demand. And there are 4 per cent fewer dairy cows than a year ago.

Grain prices are coming down. It looks as if dairymen could trade cheap grain for high-priced milk.

That's what they are planning to do.

Officials have been on the point of tearing their hair about the shortage of grain storage facilities.

During the war, the government had about 300 million bushels of storage space; now it has less than 50 million bushels of space, and congress has forbidden the Commodity Credit Corporation to build any more.

The fear is pretty general here that several hundred million bushels will have to go thru the winter without any protection.

There's some private talk about government subsidies to farmers who otherwise wouldn't be able to build their own bins and cribs. But so far nothing definite has come of it.

One suggested solution is to increase grain export goals. Hitch here is that grain already is moving thru the ports just as fast as overseas shipping space can be lined up.

The potato price support program is still causing plenty of headaches. But the government is getting more and more resourceful in disposing of surplus spuds.

Support buying to date reportedly amounts to about 16 million bushels, with operations under way in a number of states.

One of the new wrinkles in helping to get rid of surplus potatoes is the encouragement of flour millers and other processors to use any idle equipment they may have in the making of potato flour.

Most of this product will be sent over to occupied Germany, where potato flour has long been used in large quantities.

As Your County Goes So Goes The Nation

You don't have to go to Maine to find out how the election is going. Your county may be a better weather-vane.

Read, in the next issue, Dr. Louis Bean, author of "How to Predict Elections," on how Iowa counties show election trends.

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Monmouth—Martin Airways
Peoria—Byerly Aviation
Rockford—Mochesney Airport
Salem—Westfield Flying Service
Springfield—Springfield Aviation
Sterling—Jacoby Air Service
Waukegan—Waukegan Air Service
Waukegan—Lake County Airport
Wheeling—Pascal Rent A Plane
Wheeling—Chicagoland Airport

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Fergus Falls—West Central Airways
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New Brighton—American Aviation
Thief River Falls—Falls Flying Service
Winona—Winona Flying Service

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Ames—Howard Flying Service
Burlington—Hawkeye Flyers
Charles City—Ray Bramer
Cherokee—Lindlief Flying Service
Clarinda—Schenck Flying Service
Clermont—Schrader & Hanson
Council Bluffs—Aero-Marine
Des Moines—Des Moines Flying Service
Grinnell—Neiderhauser Airways
Iowa City—Iowa City Flying Service
Jefferson—Monthei Air Service
Marshalltown—Neiderhauser Airways
Mason City—Air Activities
Newton—Smith Flying Service
Ottumwa—Neiderhauser Airways
Sac City—Heidelbauer Flying Service
Sioux City—Sioux City Flying Service
Spencer—Starrett Aviation
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MISSOURI

Cape Girardeau—Heuer Truck Sales
Chillicothe—Bailey Airpark
Joplin—Joplin Aviation
Kansas City—Jacobson Flying Service
Kansas City—Ong Aircraft
Kansas City—Parks Aircraft
Kirksville—American Aviation
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Huron—Dakota Aviation
Rapid City—Pier Motors
Yankton—South Dakota Airways

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Scottsbluff—Bluffs Aviation
Tecumseh—Critchfield Flying Service

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Beloit—Beloit Aircraft
Dodge City—Dodge City Air Service
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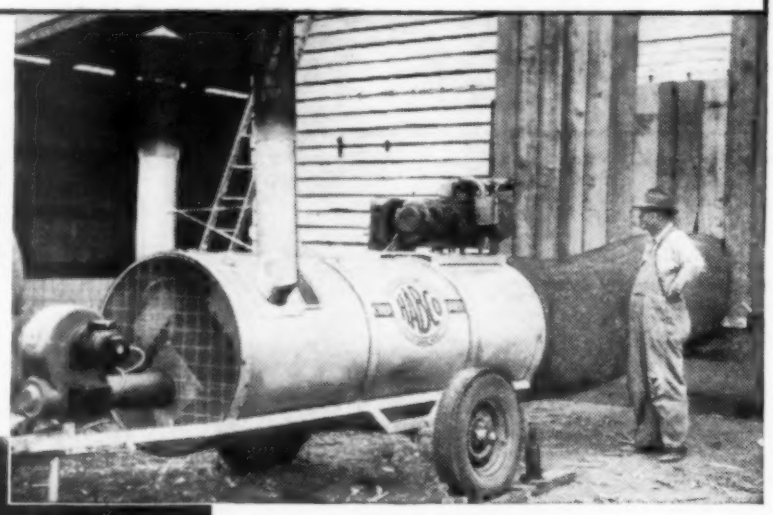
FARM SERVICE BULLETIN

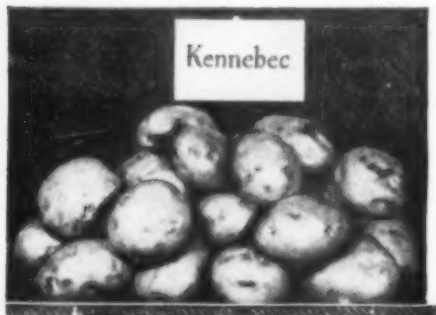
CORN DRIERS INCREASE PROFITS.

USDA experiments with gas, oil and coal-driven mechanical driers attached to corn cribs have increased value of high moisture corn from 20¢ to 70¢ per bu. Also corn driers enable earlier picking, and better crop rotation.

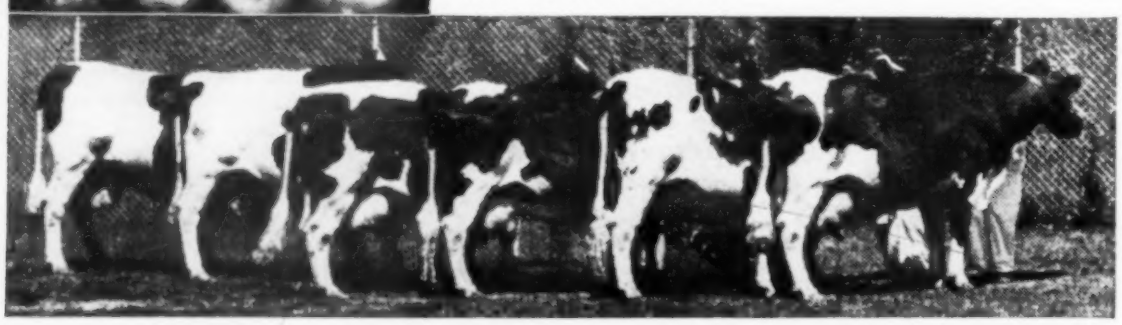


NEW TRACTOR TIRE IS SELF CLEANING—The Cities Service Loadmaster tire has a *double buttress continuous tread* to expel dirt and mud. It rides smoother, gives stronger, cleaner traction and lasts longer. Buy Loadmaster tires and other quality farm products from your Cities Service Farm Representative.

IMPROVED MOTOR OILS. Cities Service Motor Oil, Cities Service Premium Koolmotor Oil and Cities Service Premium Trojan Motor Oil are reducing maintenance and repair costs on gasolene powered farm equipment. Buy them from your Cities Service Farm Representative or at your town dealer.



700 BUSHELS PER ACRE. "Kennebec"—a new potato variety developed by the United States Department of Agriculture, has smooth good eating qualities, is highly resistant to blight and other diseases. Yields are as high as 700 bushels per acre. Write USDA for full facts.



1000 LBS. OF BUTTERFAT FROM EACH—*Results of USDA Proved-Sire Breeding.* The Proved-Sire system of breeding is one of the quickest and surest ways to build a high producing herd. Within the last six years 8 Holstein cows (including those above) have produced more than 1000 lbs. of butterfat per year when milked three times daily. These cows and others are producing 5 to 6 times as much as the average U. S. cow. Write the Bureau of Dairy Industry in Washington for more information about these and other remarkable milk production records.

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ACCESSORIES FOR THE FARM

Voice of the Farm

New Deal Same Thing As Communism?

To the Editor: In regard to Communism in America, our people are just making the discovery that there are no "reds," "pinks" or fellow travelers," but that Socialism, the New Deal and Communism are progressive stages of the same disease.—A. C. Minear, Van Buren County, Iowa.

If the New Deal was only a disease, a lot of us certainly enjoyed our poor health.—Editor.

Says He Raised Pigs For Nothing

To the Editor: I am another farmer who wishes he had not raised any fall pigs in 1947. I sold 24 head April 7 at seven months of age that averaged 245½ pounds.

They sold for 19½ cents per pound. Had they weighed 240 or less, they would have been worth 20½ cents. The corn they ate was worth from $2.50 to $2.75 a bushel, so I had my work for nothing.

I don't know where you got the idea that most raisers of fall pigs didn't push their pigs, and sold them after strike was over. This wasn't true around here. Most authorities on livestock—and your paper—recommended pushing fall pigs. — Robert Graves, Madison County, Iowa.

We still do.—Editor.

Agrees $23 Better Than $16.75

To the Editor: In reply to your comment at the end of my letter entitled, "Sorry He Raised Fall Pigs" (September 4 issue):

Let us do a little more "supposing." Suppose my hogs had been farrowed later, and on May 5 had been sold at weights you suggest. Top price on that day was $19.25.

Or suppose I had marketed the same bunch when their weight was 225 to 250. Price then was not over $23, which still leaves no margin for profit on $2.25 corn.

This is all second-guessing, of course, and would have been better than the $16.75 I received. It does not alter the fact that even if I could have used a crystal ball and sold at the proper time, my fall pigs still probably would not have any more than paid their way.—Merle Leeper, Madison County, Iowa.

High-priced corn and a packing strike are a tough combination to beat. But we hope you aren't out of the fall pig business this year.—Editor.

When To Sell Pigs

A Wallace-Homestead Poll, reported in our next issue, tells when Iowa farmers say they intend to market their 1948 spring pigs.

Will the big rush come in December? Or in January?

Read the Poll and stay away from the crowd.

That's How it dumps the load. Farmers at the Iowa State Fair machinery exhibit saw a big variety of labor-saving gadgets, new models of old machines and many brand-new machines.

Farmers Talk About New Machines

Hydraulic Lift and Rubber Tires Said to Add Most to Ease and Comfort of Operator

"WHAT do you think of the new farm machinery models?" The inquiring farm paper editor decided to get the answer to that question from farmers themselves. So he went to the farm machinery exhibit at the State Fair.

You couldn't get an answer from some farmers. They were so entranced with the new paint and the new gadgets that they didn't have time to talk. But a few farmers were irritated, and would talk. A Wayne county, Iowa, farmer answered in this way:

"These new machines remind me of women's clothes—the styles change so fast that you never get to wear anything out."

A look around indicated that farm machinery makers were going places. Many machines on the fair grounds would not have been recognized ten, or even five, years ago. That suggested another question.

"In what direction is new farm machinery taking us?" That question had to be put to several men before a thoughtful answer was given. It came from a Sac county, Iowa, farmer.

"In the same direction which we have been going since farm mechanization started after World War I." He waved his hand over the acres of machines on display and continued: "It's bigger machines . . . it's easier operated machines . . . and brand-new machines that will handle both old and new jobs."

The answer suggested several more questions:

"Is farm machinery still getting bigger?" This was asked in a group of farmers, mostly from Linn county, Iowa.

"I can't see much difference in the last few years," said one farmer. "We still use two-plow tractors mainly." Another farmer gave the reason.

"The size of machines is limited by what the all-purpose tractor can pull," he said. Most farmers want to plow corn and haul manure with the tractor. That means moderate powered row-crop tractors. Other machines must fit."

The Sac county farmer had said that we were moving toward machines that were more easily operated. So another group was asked this question:

"What do you see here that has done the most to make the job of operating machinery easier for the farmer?"

"It's the hydraulic lift," one farmer replied, without hesitation. Another farmer said that it was "rubber tires and good seat springs and cushions." If the weather had been cooler, someone would have been sure to mention the tractor cabs for cold spring and fall days.

"What new machine which has come out in the past few years will mean the most to the farmers in the future?" That question was put to farmers from various sections of the state.

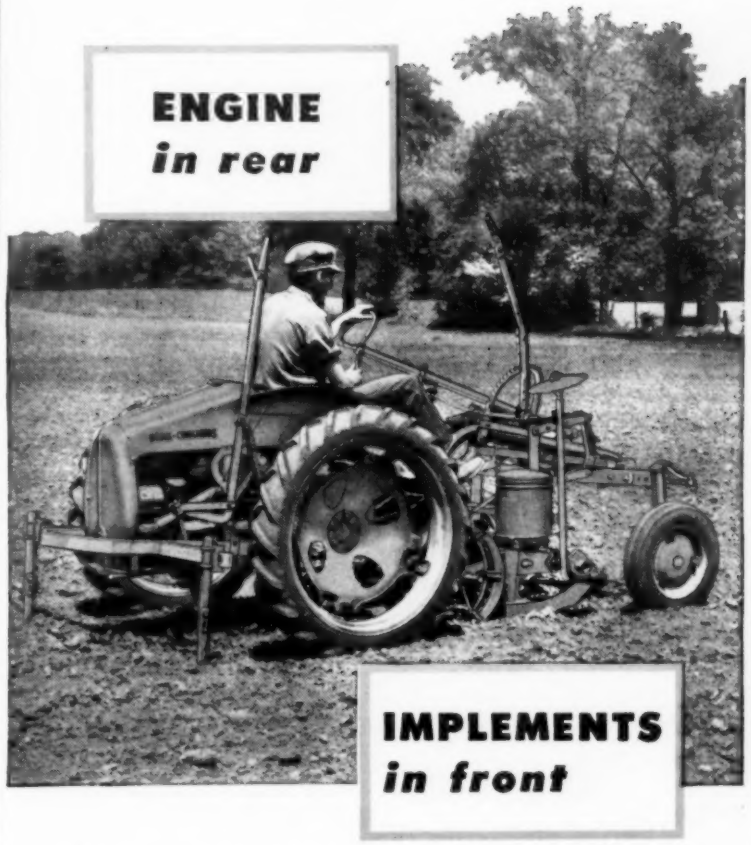
"The new spraying machines," answered a farmer from Washington county, Iowa. He said that everyone had not had good luck with them this year, but he thought when we learned more about 2,4-D, sprayers would be a big help in weed control.

"The field choppers, and maybe the manure loaders," said a farmer from Clayton county, Iowa. He said field choppers had eliminated lifting the heavy corn bundles in silo filling.

An alfalfa and brome grass grower from Audubon county, Iowa, said the new hay machinery was the most important to farmers. Field balers had relieved him of "dusty, back-breaking work."

The new dump wagons and unloading devices were named by several northwest Iowa farmers as the machines that helped them most. Fertilizer attachments for corn planters and cultivators got several votes.

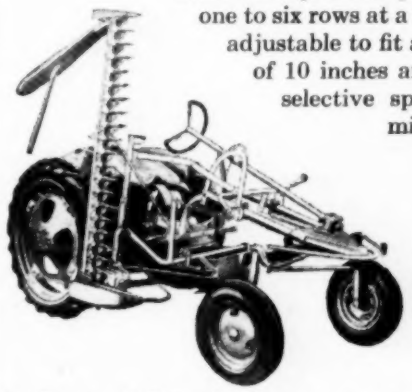
a new view
in farm power



The Allis-Chalmers Model G tractor and its broad line of front-mounted companion implements bring new visibility, new ease of operation, new economy . . . *new performance* to family farms of all types and sizes.

Rear engine design seats you *in front* . . . with clear, unobstructed, straight-ahead vision. The front-mounted implements are scarcely a hoe-handle length from your eye. Any one of the matched tools can be attached or removed in 5 minutes or less, and it consumes only 2 to 3 quarts of fuel per hour.

When equipped with two-row drill planter (illustrated above) you can plant up to 25 acres per day. With other tools you can plant and cultivate from one to six rows at a time. Wheel treads are adjustable to fit any desired row spacing of 10 inches and up, and you have a selective speed range of ¾ to 7 miles per hour.



Model G tractor equipped with 5-foot front-mounted power mower.

for ALL jobs on some farms
for some jobs on ALL farms

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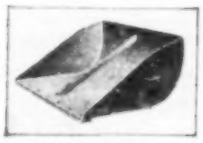

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"MY HOME-TOWN ALLIED AGENT SHOWED ME HOW TO PROTECT MYSELF."

"It took me a lifetime to own this farm of mine but I could have lost it in the second it took that car to crash into my cows that were lost on the highway. As it was, the Allied Mutual home-town agent quickly saw that the folks who hit my stock were paid in full . . . and I even got a check for the cows that were killed.

"Buy insurance against the big dangers that can bankrupt you"—my Allied Mutual agent advises. Owning a farm is risky business, what with accidents which can happen to hired men or to visitors on the farm or by livestock or tractors and such on the highways. The home-town Allied Mutual Agent knew what I needed and he sure gave me service when I had a claim."

FOR THE PRICE OF A FEW BUSHELS OF CORN, YOU MAY SAVE THE COST OF YOUR FARM

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How Farmers Say They'll Vote

A representative cross-section of Iowa farm people, interviewed on the farm, tell the Wallace-Homestead Poll they will vote as follows in the fall election:

FOR PRESIDENT:

Dewey	50%	Wallace	4%
Truman	33%	Undecided	13%

FOR GOVERNOR:

Beardsley	64%	Biederman	2%
Switzer	19%	Undecided	15%

FOR SENATOR:

Wilson	50%	Pitcher	2%
Gillette	34%	Undecided	14%

Dewey Leads Among Iowa Farmers

Truman Fails to Hold Roosevelt's 1944 Strength Among Farmers According to the W-H Poll

IN 1944, Roosevelt wound up with 48 per cent of the Iowa farm vote. But President Truman, in a late August poll, is favored by only 33 per cent of Iowa farmers.

The campaign isn't over, and the 13 per cent of undecided voters may make up their minds before November 9. As it stands, however, the Republican candidate for president has a bigger lead among Iowa farmers than at any time in years.

Even Al Smith, in 1928, polled 43 per cent of the Iowa farm vote. And Roosevelt never dropped below 48 per cent.

For governor, Beardsley—the Republican candidate—has a still larger lead than Dewey. In polls on the governorship in other years, the Democratic candidate usually shows up weaker in early polls than in the election.

The expectation would be that Switzer, Democratic candidate for governor, would pull up closer to the Truman percentage by the time the campaign ends.

Former Senator Gillette, who is getting a lot of labor support in the cities, was expected to run closer to Senator Wilson on the farms than is shown by the poll. Apparently, Iowa farm Republicans are not in a ticket-scratching mood.

Senator George Wilson, running for re-election, is getting about the same support as is Governor Dewey.

The third party — Henry Wallace's Progressives — is weaker than in pre-convention polls. Wallace has only 4 per cent of the farm vote for president.

Is there any difference between the vote of men and women? For some reason, the women seem inclined to favor Governor Dewey a little more strongly than do the men.

It doesn't make much difference how old you are. Farm people of all age groups voted about the same way. But tenants liked Truman better than did owners. While farm owners voted 56 per cent for Dewey, only 48 per cent of the tenants voted that way.

Farm Bureau members were inclined to be a little more Republican than non-members.

Dewey got 56 per cent of the vote of Farm Bureau members, while only 46 per cent of non-members voted for the GOP candidate.

President Truman and the Democratic ticket lost some ground even as compared with the governorship election of 1946. Truman held 79 per cent of the 1946 Democratic votes and picked up 19 per cent of those who voted Republican in that year. But those who did not vote in 1946 are apparently giving Dewey a big margin in 1948.

Some farm people haven't made up their minds. In this class was a farm woman in Union county, who said: "Truman isn't big enough for the job, and I don't like Dewey. Maybe if he would shave off his mustache it would help."

A farmer in Tama county said: "If Wallace can keep us out of war, I'm for him."

But in Shelby county, a farmer declared: "I don't like Dewey. He is backed by the capitalists. Truman can't handle the job. Wallace is fair, but his backing smells."

A farm woman in Bremer county said: "I don't like Wallace or Truman, and I don't think too much of Dewey, but I guess I'll vote for him anyway."

"I don't think Truman is big enough for the job," said a Chickasaw county man. "I think Stassen would have been, by far, the best man to put in."

In September, in the 1944 campaign, the Wallace-Homestead Poll showed Dewey leading Roosevelt by 48 per cent to 39 per cent. By election, however, Roosevelt had

A WALLACE-HOMESTEAD POLL

Gillette, Truman and Switzer will get the vote of Dale Stoneking, of Linn county, Iowa, shown in the picture above.

closed part of the gap, and Dewey had only a two-point margin in November.

A Wallace-Homestead Poll, a little later in 1944, showed Hickenlooper leading Gillette by 50 to 30 in the campaign for the U. S. senatorship.

This is exactly what the Wilson-Gillette poll now shows. But in 1944, Gillette came up in the last part of the campaign to get nearly half of the farm vote.

In the governorship campaign in 1944, Blue was leading Mitchell 52 to 19. And in the governorship campaign in 1946, at about this time, the Wallace-Homestead Poll showed Republican Blue with 49 to Democratic Miles' 29 per cent of the Iowa farm vote.

In both 1944 and 1946, Democratic candidates were stronger in November than in September. Later polls will show whether a similar trend will develop this year.

At present, Dewey is more popular with Iowa farm voters in 1948 than he was in 1944. The Republican candidate for governor is stronger than in 1944 and 1946. For the senatorship, Gillette is about the same as in 1944.

In a survey last year, the Wallace-Homestead Poll asked: "If hard times come again in farm prices, would you rather have Democrats or Republicans in office?" Thirty per cent of those interviewed said "Republicans"; 32 per cent said "Democrats," and 38 per cent were undecided or thought it made no difference.

In 1948, Iowa farmers apparently aren't worried about hard times coming.

Wilson, Dewey and Beardsley are favored by Mrs. Robert Appleby, of Jones county, Iowa, shown in above picture.

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says Harvey Claussen
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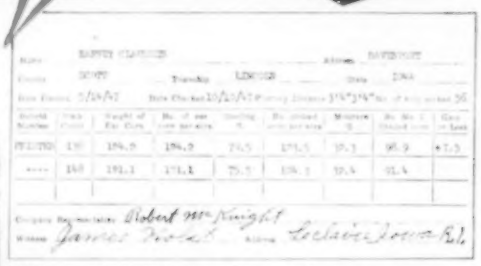
Genuine Pfister Hybrids
"won by 7.5 bu. in a yield check made right on my own farm"



HERE'S THE SIGNED RESULT—This is a reproduction of the actual yield check sheet showing how the comparison was made based on No. 2 dry shelled corn.

AND THEY WIN 8 OUT OF 10 TIMES

In 966 yield checks made right in farmers' fields last year, Genuine Pfister Hybrids won 80.4% of the time — out yielding competitive hybrids by 8.1 bu. more *dry shelled* corn per acre. That's more than enough corn on one acre alone to pay for a bushel of seed. You get plantability, standability and huskability — top performance all season. Best of all you get more profit from higher yields in the fall when you plant Genuine Pfister Hybrids. Have your P.A.G. dealer help you select the Genuine Pfister Hybrids that are winning 8 OUT OF 10 TIMES in your locality.

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PUT SOME OF THAT EXTRA CASH INTO SECURITY BONDS—

What's New?

Corn Storage and drying unit are combined in this all-steel building. Holds 5,000 bushels of ear corn. Fan that forces air thru corn is shown at end of building. Can be used to store and dry hay, grains or shelled corn. When not used for grain, the unit can be used to house livestock or implements.

Meets Corn Crib Need

THE corn picker and corn borer have produced a need for new types of corn cribs. The new corn storage building is here.

All corn raisers know the corn picker works best before corn gets dry and brittle. Late picking means waste from dropped ears and lodged stalks.

The corn borer has made early husking even more necessary. Stalks with tunnels in them will break at the first storm.

Early corn picking means storing corn with high moisture. Storing high moisture corn safely means a special type of cribs with ventilation and drying units.

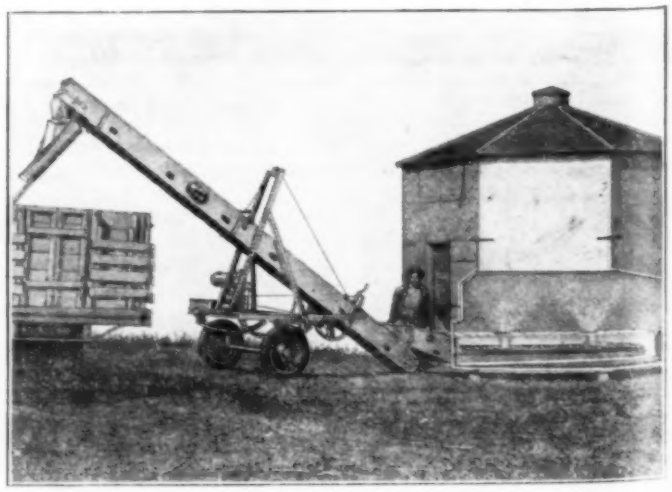
One firm has made a corn storage building with a drying unit built in. The all-steel, oval-roofed building holds 5,000 bushels of ear corn. Air chamber is built in unit, with a five-horse motor and fan at back end of building. Fan can be tractor driven.

It is claimed 25 to 30 per cent moisture corn put in this building can be dried to safe storage content in 10 days. Fan is run thru the day, but not at night. There's no heat.

Cost of corn capacity is about 75 cents a bushel. Spread over a 10-year period, annual bushel cost would be about 7½ cents. All-steel building should last longer than 10 years, however.

The maker claims this building fits modern conditions in other ways besides corn storage. It will dry chopped or baled hay, small grain, or shelled corn. If not needed for grain, implements can be stored in the building or it can be used for livestock.

Quonset corn storage unit is made by the Great Lakes Steel Corporation, Stran Steel Division. Buildings are sold set up on the farms by the manufacturer, including cement floor.



Drag Feeder is made for this grain elevator. You can take grain out of cribs as well as put it in without a scoop shovel. Tilting hopper attachment is another feature which makes dumping easier. It is mounted on rubber and driven by a six-horse power gas engine. Capacity is 750 to 1,000 bushels of ear corn per hour. Made by Kooiker Mfg. Company.

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A real road gear for
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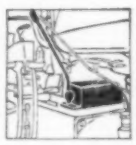
FARMALL H or M



Here's that in-between speed you've been wanting for your Farmall H or M. New Behlen Gear Box gives you intermediate speed of 10 m.p.h. Valuable for field work, or bucking hay, etc. Or if you prefer, you can have 7 m.p.h. gear box. Easily installed in 10 minutes. Guaranteed. Low priced.

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Service Bureau

HAROLD P. WRIGHT

Another Crook Gets Ten Years

Harold P. Wright, 24, Ida county, Iowa, has started serving a 10-year sentence in the Iowa men's reformatory at Anamosa.

Meanwhile, Louis A. Thoma, of Pocahontas county, Iowa, has received a $25 reward, paid by the Wallaces' Farmer and Iowa Homestead Service Bureau, for his part in the apprehension and conviction of Wright.

Wright had committed various crimes in a number of northwest Iowa towns, including Rockwell City, Fort Dodge, Pomeroy, Fonda, Storm Lake and Ida Grove, according to Pocahontas County Sheriff E. R. Stahly. Among other things, he was accused of selling mortgaged trucks in Minnesota.

Don't Forget Driver's License Renewal

Lots of you are sending us questions concerned with the proper dates for Iowa driver's license renewals. Here is a boiled-down summary of the renewel law. See Service Bureau, June 5, 1948, for a more complete report.

All 1946-48 licenses with numbers over 500,000 expire on your next birthday after July 5, 1948. They must be renewed during the 30-day period just before this birthday.

All 1946-48 licenses with numbers under 500,000 will run out on your next birthday after July 5, 1949. These must be renewed during the 30 days just before this birthday.

The new driver's licenses will expire each two years, on your birthday.

You must apply at your own courthouse at the time the examining team is stationed there. Exceptions will be made for certain persons, such as college students.

Every applicant must take the vision test to get an unrestricted license.

Vision test failures must furnish eye correction with adequate glasses. Special provision and regulations apply to persons with one eye, or other visual defects.

A complete driver's examination will be required for those who do not renew during the prescribed 30-day period.

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With most farmers busy in the fields now, sowing wheat and other fall crops, it is vitally important that Farm Machinery function perfectly. There's no time for breakdowns . . . and no need for breakdowns, with CHAMPLIN HI-V-I in tractor motors.

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BUY SAVINGS BONDS—THEY WILL HELP YOU LATER—BUY ALL YOU CAN—NOW!

Get More Corn. Down-to-earth gathering chains and full-floating points get low, dangling, and often loose ears. "Expulsion" husking makes ears pop out, holds down shelling losses.

Get a Cleaner Load that keeps better in the crib. Blast-cleaning of tumbling ears removes "mouse-nest-material" that invites spoilage. Tailings action by first elevator sends broken stalks with ears back to rolls.

Get Big Capacity. Hopper-type stalkway and extra long rolls handle huge yields and stiff hybrid stalks, catch broken-off ears. Harvests up to 10 acres a day.

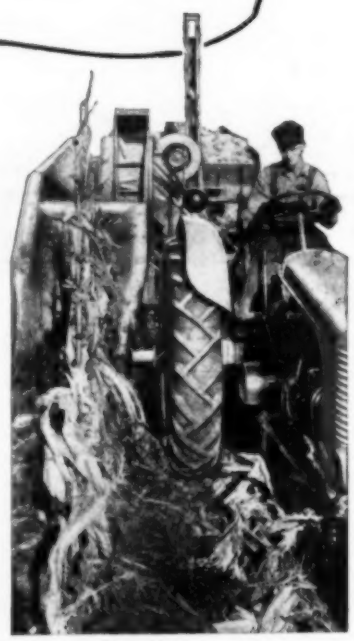
Get Easy One-Man Hook-up that leaves the tractor free for hauling wagons or other work. Easy operation, with convenient controls and adjustments for every kind and condition of crop from popcorn to huge hybrids.

Get Less Greasing, more time for picking. Simplicity of Case pickers means fewer places to lubricate. Anti-friction bearings go longer before complete lubrication is needed.

Get Proved Endurance—longer picker life with low upkeep. Heat-treated steel gears of automotive quality, mostly sealed in lubricant. Safety warning clutches to prevent mishaps. Welded steel construction for more strength with less weight.

Get the Pick of One-Row Pickers

More farmers than ever will harvest their corn this fall with Case one-row pickers. While there have been some delays, production is being extended right up into picking time, to supply as many farmers as possible for this year's crop. See your Case dealer for full information—the performance and convenience for which the Case one-row picker is preferred by so many farmers. Write for picker folder. J. I. Case Co., Dept. J-80 Racine, Wis.



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Cattle Feeding will be main enterprise in this new barn on Neil Hoover's farm in Jasper county, Iowa. Cattle shed with bunks is beneath barn. Two silos will be added to pair shown.

Winter Beef Cows On Oat Straw?

Some Green Feed Will Guard Against Weak Calves From a Deficiency of Vitamin A

To the Editor: I lost my clover, but I have plenty of oat straw. How much corn, straw and supplement will it take to make a good balanced winter ration for a 1,000-pound cow?—L. K., Louisa County, Iowa.

A balanced ration in this case might mean three things: Enough grain with the roughage to keep the cow from losing flesh. Enough protein to balance the grain and straw. And enough of the necessary vitamins.

Starting with the straw, cows should have all they will eat. Cows need bulk in their feed. Oat straw is not their favorite feed. So, to get the roughage they require, straw should be before them at all times.

It is fairly easy to balance the carbohydrates and protein in the ration. Just add soybean oil meal or some other protein feed. Each cow should have from one to two pounds per day of protein feed, depending upon the quality of the straw.

Green, bright oat straw will have much more protein and other feed elements than straw from oats which were cut when overripe. Straw from the threshing machine is usually much better feed than straw from a combine.

Then there should be enough grain to keep the cow from losing weight thru the winter. It might be advisable to start at five pounds of corn or oats per day. Then increase or decrease the grain feed according to change in the flesh of the cow.

Beef cows can be wintered on the above ration. Farmers did it during the drouth years, and got fair calf crops. But it isn't a complete ration. It is doubtful if a complete, balanced ration can be made from oat straw, protein feed and grain.

Without green feed of some kind, there is likely to be a lack of what feed specialists call carotene, or Vitamin A. Vitamin A shortage in rations can cause various kinds of trouble.

There is a condition in cattle which USDA men refer to as "anasarca," which results from Vitamin A deficiency.

Sometimes fattening cattle get this disease after long periods on dry feed. Signs of the condition are night-blindness, loss of appetite and swollen legs and briskets.

Cows might not show these symptoms, however. The effect might be most noticeable in calves. Cows with too little Vitamin A in the ration might drop weak calves subject to scours and pneumonia.

Yellow corn contains carotene, it is true. But the USDA feed specialists say: "Average yellow corn contains no more, and often less, carotene than low-grade hay." They conclude that corn alone can not be depended on to supply carotene needed by cattle.

Green hay or silage, along with the corn, will supply the carotene, however. Therefore, the straw, grain and protein ration would be lots safer for the cows if one of these green feeds could be added.

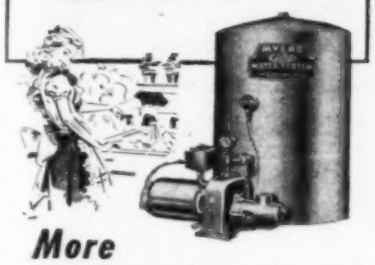
Five pounds of green alfalfa hay per day would supply the carotene. Then the cows could have all the straw they would eat along with the alfalfa. The protein feed could be reduced some if the hay were added.

Corn or grass silage is another feed that will supply the carotene. Thirty pounds per day of corn silage would make a good ration with the straw and protein, but no hay. Grain could be reduced, or left out altogether, if corn silage could be added.

Farmers can use straw to supply most of the roughage for cows where they have no green legumes. A fair calf crop might be secured when the roughage was all straw.

But there is a good chance of trouble from Vitamin A deficiency if there is no green feed in the winter cow ration.

More Happiness for Her!



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Farm and Feed-Lot

Suggest Rye For Early Pasture

To the Editor: I have a five-acre stubble field that I want for hog pasture early next spring. What should I seed, and when?—A. J. H., Mitchell County, Iowa.

Plow this stubble field and seed it to rye as soon as you can. If you do a thoro enough job with a disk, you don't have to plow.

Prepare your seed-bed and use about one and one-fourth bushels of rye per acre. Sow it as soon as you can, and perhaps you will have some pasture yet this fall.

If you can't get the field to rye now, you can sow oats and rape or oats and clover early next spring. Rye will be best for real early spring pasture, however.

Clay Pigeons Will Poison Pigs

Each year, someone loses pigs from clay-pigeon poisoning. It's the coal tar pitch, used to hold the clay pigeons together, which makes them poisonous, according to Dr. M. E. Mansfield, University of Illinois veterinarian.

Many shooters don't limit their sport to special ranges, but practice in pastures or open fields with portable traps. Fragments of the clay pigeons remain on the ground. If hogs eat these pieces, fatal poisoning may result.

Farmers should not allow hogs on pastures where they know clay pigeons have been used; sportsmen should be careful in choosing their shooting ranges.

More Minerals With Poor Pasture

When pastures become poor, hogs need more mineral mixture in the ration, says E. L. Quaife, Iowa State College swine extension specialist. Mineral requirements go up when hogs go into the dry lot or when pastures turn brown.

Salt should be provided free-choice in addition to any mineral mixture. Minerals can be fed with the grain ration, with the supplement, or free-choice.

Hogs on pasture probably eat only about one pound of minerals per 100 pounds of gain, but that pound is vital for efficient gains.

"She passed! Looks like you had your mother-in-law all wrong."

Starch is used in more than thirty modern industries. The wet milling industry processes between 4 and 5% of the corn crop into starch; its derivatives, sugar, syrup and dextrins and its byproducts, corn oil, gluten and germ meal. Starch provides one of the most important industrial outlets for corn. It also comprises two-thirds of the energy value of the 80 to 85% of the corn crop fed to livestock. Funk Nationwide Research provides wet millers and feeders with quality G-Hybrid grain, high in starch, oil and protein and with good keeping and milling qualities.

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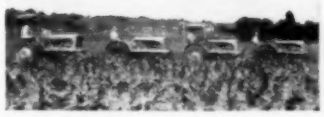

Cash corn growing is the main business on the 1360 acres of land operated by Bernard Porter near Thurman, Iowa. Porter's crew with four tractors (photo) is handling 950 acres in corn this season.

"We first grew Funk's G-Hybrids nine years ago," Bernard says, "and have grown them ever since. We have tried many others but like Funk's G best of all. For average conditions we like G-94 but on very fertile fields G-80 yields even better. When you buy Funk's G you know you will get a good uniform grade of seed and that means a good uniform stand."

"We sell a lot of corn on the market," Bernard reports, "and Funk's G hybrids shell out well and grade at the top. Elevator managers like Funk's G as a market corn."

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Handy pocket-size notebook with pages to write in and tables for computing field acreages and yields, crib, bin and silo capacities, official market corn grades, shelling and moisture corrections. Ask your Funk's G-Dealer or write for gift notebook.

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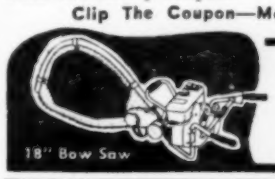

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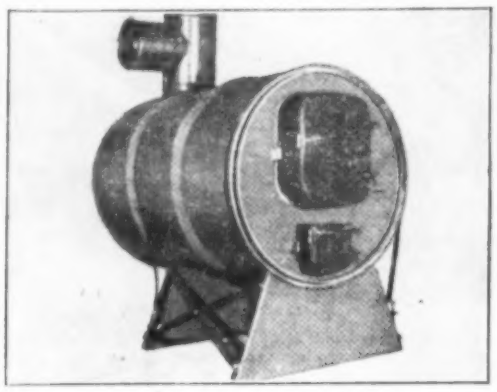

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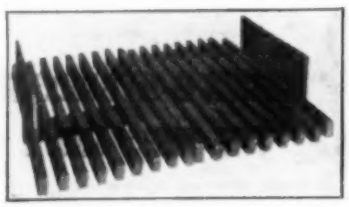

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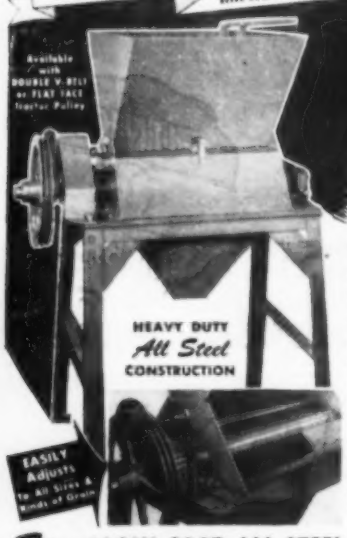

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Cracking or crushing is admittedly superior to grinding or hammering in that it *avoids dusting*, which often causes digestive disorders. In addition, rolling is a *faster* and *more* economical processing method. Requires *less* power, *less* labor and *less* time.

First LOW-COST, ALL STEEL "FARM-SIZE" ROLLER!

Now you can process grain the preferred way for better feeding results. Roll, crack or crush oats, barley, corn, wheat, rye, kafir and other small grains right on the farm. No need to pay high prices for ready-rolled grain. No more hauling of grain to the mill for custom rolling. Roll it as you need it and feed it fresh-rolled, full of nutritive value. You can with a low-cost Farnam "Farm-Size" Grain Roller.

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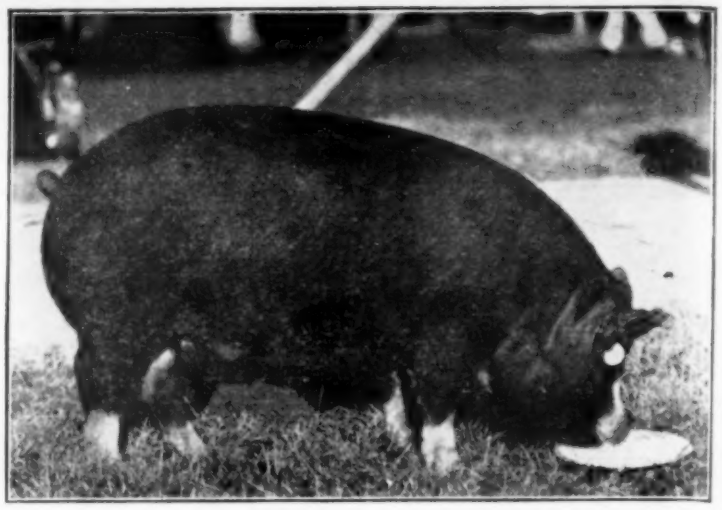

Trim 198-Pound Berkshire barrow, exhibited by Hi-View Farm, of Eagle Grove, Wright county, Iowa, won the grand championship market barrow award at the Iowa State Fair.

Berkshire Wins Top Barrow Honors

Keen's Chester White Named Reserve Grand Champion Market Barrow at Iowa State Fair

IF HOG raisers were worried about scarce, high-priced corn this past summer, you would never have known it at the Iowa State Fair. Well over 600 barrows were exhibited in the three barrow shows — FFA, 4-H and open.

As usual, it was the trim, deep-sided, thick-loined kind that took top honors. The winning pigs were the kind which a commercial hog man likes to see in his feed-lot.

They were the good-doing, the easy-feeding kind, that get enough finish to go to market at 200 to 240 pounds.

The grand champion barrow of the open show faced plenty of stiff competition in his climb to the top thru the Berkshire lightweight classes. He was exhibited by Hi-View Farm, Eagle Grove, Wright county, Iowa.

First of all, in the lightweight class, he nosed out the champion 4-H barrow, exhibited by Larry Herbold, Colfax, Jasper county, Iowa. Hi-View's barrow then was named all-breed lightweight champion over the winning Poland China lightweight, shown by Carl Hirsch, Indianola, Warren county.

Finally, the grand champion barrow had to defeat the heavyweight champion, a Chester White fed and exhibited by C. T. Keen & Sons, Legrand, Marshall county.

The grand champion Berkshire barrow weighed 198 pounds, and sold for the record price of $1.30 per pound.

In the 4-H and FFA shows, there are no weight distinctions. Barrows in the open show are weighed and show as lightweights (under 210 pounds) or as heavyweights (210 to 270 pounds). In the face of current demand for small, lean cuts, it takes a trim heavyweight to beat a lightweight for championship.

Grand champion pen of barrows, also light Berkshires, was exhibited by Hi-View. Galen Helgens, Monticello, Jones county, took reserve grand championship with his heavyweight pen of purebred Poland Chinas.

Helgens pen had been the grand champion pen of the 4-H Club barrow show.

Judges of the open class barrow show were H. M. Meneough, a prominent Polk county Poland China breeder; Allen Nash, head hog buyer for Wilson & Co., of Cedar Rapids, and Prof. A. L. Anderson, of the animal husbandry department at Iowa State College.

The size of the barrow show, as well as the junior purebred shows, made it necessary for the hog show officials to build more than 100 extra temporary pens in the hog barn. Breeders with purebred livestock were asked not to bring in their hogs until after the barrow sale, on Saturday.

Some junior purebreds that were not entered in the open show also were taken home, to make way for breeders' entries. Between 230 and 240 barrows were exhibited in the open class.

Knotek Bros., Riverside, Washington county, showed the Duroc champion, a lightweight, as well as the champion Duroc pen. Richard Halstead's champion FFA barrow, a lightweight, was champion Poland China, while Helgens had the champion pen of Polands.

Keen had the champion Chester White, with Just-A-Mere Farm, Blanchard, Page county, having the champion pen in the Chester White breed. Allen Lang & Sons won the purple in the Hampshire classes on both their individual barrow and pen of barrows.

Champion Hereford barrow was shown by Sellers Bros., Chariton. Lucas county. Dan Goeldner, Sigourney, Keokuk county, had top Hereford pen. Best crossbred barrow was shown by Bernard Maier, Eagle Grove, Wright county. Carroll Jacobson, Roland, Story county, showed winning crossbred pen.

A list of the other winners in the open, FFA and 4-H barrow shows appears in the placings section in this issue.

PUPPIES or AUTOMOBILES—

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Weevil Test Is Found

A NEW test makes it possible to discover weevil infestation in grain before the bugs have hatched. By soaking grain samples in a dye containing acid fuschin, little cherry-red dots appear where weevils have laid eggs in the kernels.

This discovery, made by J. C. Frankenfeld, USDA entomologist, is especially important to wheat farmers. Millers of the southwest are already using the test. Docks for infested grain are expected to be made.

Farmers take an additional loss if infested grain is kept on the farm. After the insects begin to work, one per cent of the weight may be lost per month in addition to loss in quality.

The infestation can be prevented by cleaning bins and fumigating grain. It's too late now to take care of the bin-cleaning, but fumigation can be used.

The fumigants recommended are the three-to-one mixture of ethylene dichloride and carbon tetrachloride, or the one-to-four mixture of carbon disulphide and carbon tetrachloride. Those mixtures of gases will neither explode nor burn.

Wheat in tight steel bins should be fumigated with three gallons of the three-to-one mixture or two gallons of the one-to-four mixture per 1,000 bushels. If the wheat is in tight wooden bins, double these dosages.

If the grain is in loosely constructed bins or in a shallow layer with large surface exposure, the dosage should be increased still more.

The surface of the grain should be at least six inches below the top of the bin, and level. Spray the liquid fumigant uniformly over the surface of the grain. If possible, apply it from the outside of the bin by means of a bucket pump or other type of sprayer.

These fumigants are toxic to man as well as to insects. Users are warned to avoid breathing their vapors or spilling the liquid on their clothing or on themselves.

When grain is held over until the following summer, keep close watch of it and refumigate if necessary.

"Contourin's all right, except it made me enough money to hire a hand to do my work, so's I have time to fish; but there ain't no run-off, so the creek dried up."

...for crib-filling yields

It's the bloodlines behind Maygold Hybrids that give you thumping big yields plus the extra bonus of high shelling percentage and excellent feeding quality.

EARL MAY MAYGOLD

Bloodline Bred **HYBRIDS**

ONLY MAYGOLD HYBRIDS ARE DERMATIZED*

This new improved treatment—exclusive with us—gives Maygold Hybrids extra resistance to cold wet weather — protects seeds against soil borne diseases — assures you high germination, better stands, bigger yields.

Your local Earl May representative will be glad to tell you the complete Maygold story and show you the Maygold fields in your neighborhood.

Get your Free Copy of the Maygold Corn Book from your Maygold representative, your Earl May store or write to Earl May Seed Company, Shenandoah, Iowa.

SEE HOW MAYGOLD "MEASURES UP"—

- More bushels per acre
- Rugged, rigid stalks, rooted deep and wide
- Deep kernels, big ears filled to the tips
- Better feeding quality
- Uniform stands, fast even growth
- Planter tested grades

For Current Farm News Tune In Station KMA

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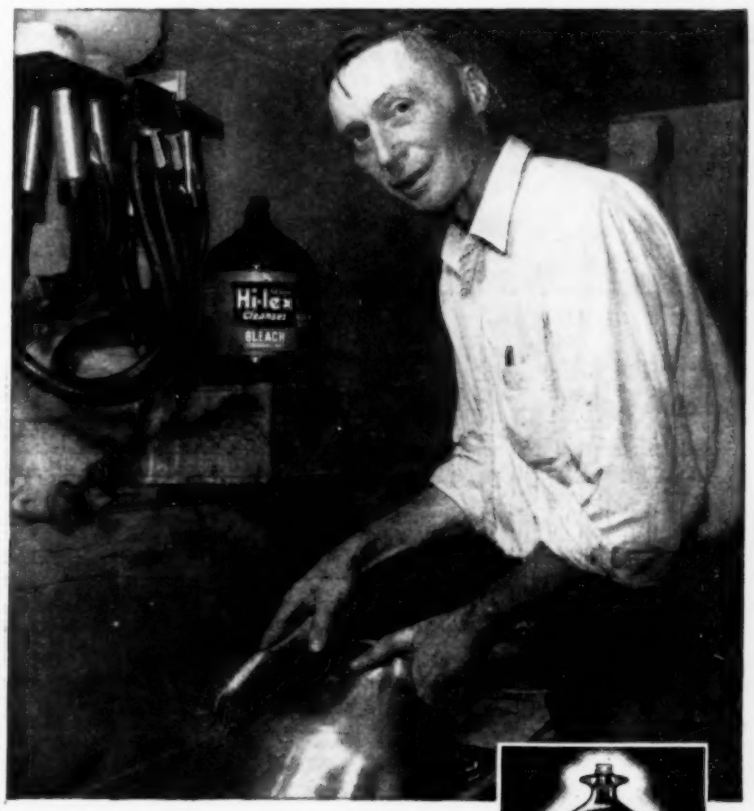


Hi-lex helps keep my milking equipment spotless, sanitary

says South Dakota Dairyman

"I'm all for Hi-lex when it comes to dairy upkeep," says Melvin Benson, R.R. #2, Sioux Falls, S. D. "It takes only one cup of Hi-lex to make eight gallons of effective disinfectant—and that's a real saving. My 40-head dairy has been producing grade "A" milk right along for years."

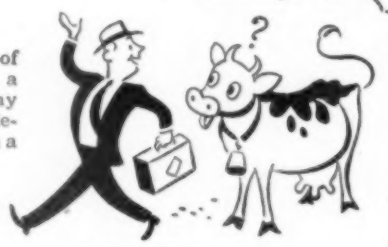
BUY Hi-lex . . . BUY THE GALLON . . . BUY THE CASE

When the frost is on the punkin and the fodder's in the shock

—JAMES WHITCOMB RILEY

Time out for a Real Holiday in Scandinavia

After all the hard work of Summer, you've earned a rest. Take a vacation away from the farm chores. Relax and enjoy yourself on a trip to Scandinavia.



Spend a few weeks of the glorious Fall in your homeland. Say "Merry Christmas" to the home folks. Treat yourself and your family to a trip on the "Gripsholm" or the new "Stockholm." The most thrilling Christmas present you can imagine.

Enjoy restful, delightful days at sea. Comfortable staterooms . . . smörgåsbord . . . excellent meals . . . pleasant company . . . good fun . . . friendly service for which the Swedish American Line is famous.

Make a Dream come true this Winter

SAILINGS: October 8, October 25, November 5, November 17, December 4, December 10.

For reservations, see your travel agent. His expert service and advice are yours at no extra cost. Offices or Agencies in all leading cities.

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The White Viking Fleet

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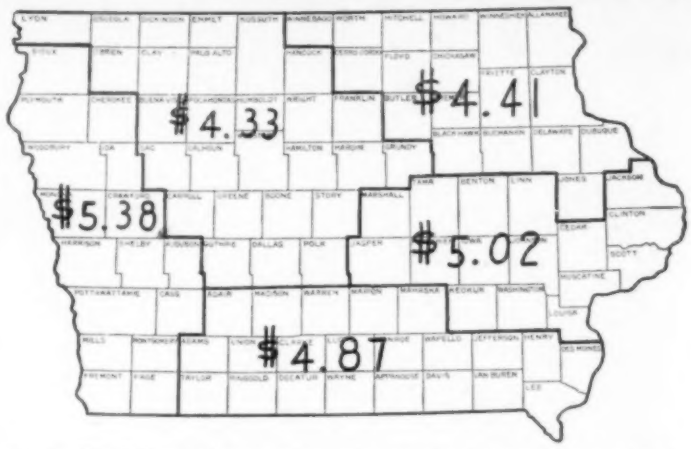
• 181 No. Michigan Avenue, Chicago 1, Ill.

—PUT SOME OF THAT EXTRA CASH INTO SECURITY BONDS—



Corn Picking Figures here were obtained from farmers in all Iowa counties, who reported on 1947 custom rates for corn picking. No charge for cribbing is included. The state average is $4.80 per acre. Sectional averages shown above.

Custom Work Prices Vary By Area

Farmers Report Common Prices For Bean Combining, Corn Picking, Manure Loading

THE usual rate for combining soybeans or picking corn in Iowa depends upon the section of the state in which you live. That has been true of the rates for other farm jobs reported in this series of stories.

A large number of farmers over Iowa were asked what they—or their neighbors—had paid when they hired custom operators to do farm work. The figures given here represent average costs for 1947.

The costs may vary, up or down, for 1948. These figures are not guaranteed either to show a profit for the custom operator or to be a bargain for the farmer. The figures do give a good idea of the cost of hiring someone to do various farm jobs.

Earlier articles, which appeared in Wallaces' Farmer and Iowa Homestead for May 15 and June 19, 1948, report on the costs of many farm operations. Now it is almost time to think about the costs of bean combining and corn picking.

In 1947, farmers paid all the way from $2.25 to $7 per acre to have their beans combined. Perhaps someone got a bargain. Or some operator may have charged too much.

However, most of the operators agree that farmers who hire custom work should remember that it is worth up to three times as much to work in some fields as in others. Some custom operators are worth more, too.

Combining of soybeans seemed to cost the least in the northwest cash grain area and the northeast dairy section. The bulk of the reports showed $4 an acre in the northeast section, but the average was $4.18.

In the northwest section, $4 again was the most popular figure, but the average was $4.21. The cost was slightly higher in the southern pasture section. The average charge there for bean combining was $4.29 per acre.

In the eastern livestock area, there was almost an equal division between reports of $4 and $5 per acre. Bean combining averaged $4.53 per acre.

Over along the Missouri river, in the western livestock section, the average of the charges reported was $4.64 per acre.

The average charge for combining beans over the whole state was $4.37. This is 10 cents an acre more than the average small grain charge.

The sectional average costs for hiring someone to pick your corn are shown in the map which appears at the top of this page. It was again most expensive in the western section.

The charges reported made no distinction between one-row and two-row pickers. There would be a difference in the cost of performing the work if you were a custom operator. Charges do not include hauling or cribbing the corn.

It was assumed that you looked after putting the corn in the crib. The man you hired merely put it in the wagon.

According to another recent survey made by Wallaces' Farmer and Iowa Homestead, three in every ten Iowa farmers now own a tractor-mounted manure loader. Many of the seven in ten who don't own a loader hire one occasionally.

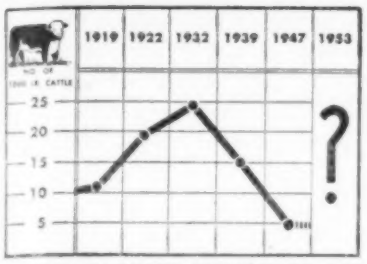
Those who live in southern Iowa can hire a loader for the least money. The average per hour cost of a tractor and loader was $2.50 there. In the northwest section, the average cost was $2.86, altho $3 was the most common figure reported.

Reports from the eastern section of Iowa showed $3.07 as the average hourly charge for a tractor and loader. In western Iowa the charge was $3.31 per hour. $3.45 was the average for the north-central section.

The average for the state as a whole was $3.04 per hour.

WHICH WAY WILL PRICES GO?

How Many Cattle Will It Take To Pay a $1,000 Debt in 1953?



NUMBER OF CATTLE REQUIRED TO PAY $1,000 OF DEBT IN CERTAIN YEARS. (ANNUAL U.S. AVERAGES)

No one knows what cattle will bring in five or ten years, or even next year. Just look at the chart. But everyone knows that it's *tomorrow's* income that pays *today's* loan.

So when you borrow on your land, protect yourself from inflated payments. Get a loan with payments based on the NORMAL earning power of your farm.

GET THE SAFE FARM LOAN

Whether prices go *up* or *down* . . . you are *protected* with a long-term, low-interest, FLEXIBLE Federal Land Bank Loan. You get *extra protection* in tough times . . . but you can pay off the full loan any time from your farm income without penalty.

For details, see your local National Farm Loan Association. For location, write Box 12 Wallaces' Farmer, Des Moines 5, Iowa.

NATIONAL FARM LOAN ASSOCIATION
Federal Land Bank Loans
Low Interest Rates Long-Term

Your 100% Farmer Owned Cooperative Guides the way to
SAFE FARM LOANS

ONE STRIKE AND YOU'RE OUT

When cholera strikes, your entire herd may be wiped out. Several years' profits may vanish overnight.

Have your VETERINARIAN vaccinate your hogs *before* cholera strikes. You protect your hogs — you protect your profits. Let him inoculate your pigs with ARMOUR ANTI-HOG CHOLERA SERUM and HOG CHOLERA VIRUS. They then become actively immune.

For years, Armour and Company has been one of the largest buyers of hogs. We, too, depend on the professional skill of your VETERINARIAN to help keep your hog supply cholera-free and ready for market. That's why we urge you to call on your VETERINARIAN frequently. He is best qualified to keep your hogs healthier. Your increased profits will prove the value of his services.

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VETERINARY LABORATORIES
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PRODUCER OF ARMOUR ANTI-HOG CHOLERA SERUM

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Light Neverfade Prints now only 25c. Two prints each only 35c. Free mailers and price list showing other services. Write today.
HAMMOND SALES CO. HANNIBAL, MO.

Save Money, Buy Bonds

SAVE YOUR LIFE!

This is the story of a real accident that happened right here in Iowa. It's told by N. J. Wardle, farm safety specialist at Iowa State College.

"Here's a hot one."

"Got it!" Ken easily handled the sizzling throw from Hank.

The two boys played catch every chance they got. They were playing now as they waited for the school bus. This corner was a good place to practice. The highway and crossroad made plenty of room. The paved road was good to pick up grounders on, too.

"Dad thinks we should not do this on the crossroad," Ken called. "He says that blind turn on the highway is dangerous—that a car could be on top of us before we saw it coming."

"Ah, baloney!" Hank answered. "I'll watch for the cars. All you have to do is pick up the grounders."

The tempo of the boys' play increased. Susan, Ken's younger sister, who watched from the roadside, thought Ken was getting good enough to be a big leaguer.

Suddenly Susan yelled: "Ken! Ken!! Look out—a car!"

There was a roar, the screech of brakes and of rubber skidding on concrete.

Susan slowly took her hands from her face, expecting to see Ken in a mangled mass on the pavement. But, no, there he stood beside the road—very pale and looking very scared—but still alive.

The car had stopped and the driver was coming back. "Are you all right, sonny?" he asked.

Ken straightened to his full 12 years and mustered a brave but rather weak, "Oh, I'm OK."

"That was a close one," said the driver. "Didn't have a chance to stop in time. Dangerous place to play, isn't is?"

"I suppose it is," Hank spoke up. "But we always thought we could see a car in time. We just got to playing and forgot."

"Yes," said Ken weakly. Then, as the man returned to his car: "Let's not play any more now, Hank. I don't feel too well."

Thousands of youngsters are going back to school now. Very often they get so enthusiastic about their play that they forget all caution.

How can children be safe while playing? A few common-sense rules will help:

1. Play the game right. Learn the rules. They are for your protection.

2. Play in safe places. Playgrounds should be provided. Highways, littered yards and lots near buildings are unsafe.

3. Use good equipment. It need not be expensive, but makeshift equipment often causes accidents.

4. Don't play dare games. They usually require you to bet your life—and you might lose.

5. Be fair. Unfair players often get injured—or, worse yet, hurt someone else.

IT'S WHAT'S UNDER THE CASING THAT COUNTS!

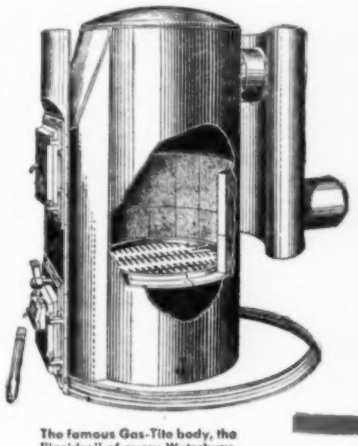
Waterbury FURNACE

Here in the Northwest the heart of your home is your heating plant—and the heart of every Waterbury furnace is the dependable Gas-Tite body. It is built to give you efficient, economical heat, and long years of trouble-free service. There is a size and type for every home—from the largest to the smallest—whether you burn coal, oil, or gas.

GAS TIGHT
No possibility of leakage of gases and dirt into the warm air stream.

ECONOMICAL
Large heating surfaces—long fire travel—saves fuel.

DURABLE
Made of heavy steel. Welded construction insures long life and permanent tightness.



The famous Gas-Tite body, the "insides" of every Waterbury.

See Your WATERBURY Dealer

When you put your money into anything as important as a heating plant, you want expert advice. Your Waterbury Dealer has been carefully chosen because he is dependable and knows his job. Ask him about casings. He can give you a plain, round casing or a forced-air unit in a beautifully finished square one that is a credit to the most modern basement.

WATERMAN-WATERBURY COMPANY
1177 JACKSON STREET N. E. . MINNEAPOLIS, MINNESOTA

Kill Him NOW!

The $32,000,000.00
Annual Menace Is With Us Again

Grasshoppers Can Be Controlled

The Evans Orchard Supply Company will furnish you complete, up-to-date information on grasshopper control and make available to you United States Department of Agriculture approved new materials for killing grasshoppers.

NEW CHEMICALS EFFECTIVE

The Evans Company is offering TOXAPHENE (CHLORINATED CAMPHENE) at New Low Prices ready for immediate shipment. This new spray material is very effective in killing and controlling grasshoppers and costs only about one-half as much as other spray materials.

WRITE TODAY

EVANS ORCHARD SUPPLY CO.
305 Delaware Kansas City, Mo.

Let the advertisements in Wallaces' Farmer and Iowa Homestead form your buying directory. If the articles you wish to purchase are not advertised in this paper, we will be glad to give you the names of reliable firms from which you can make your purchases.

OUTSIDE STUFF

IT WAS nice to see the Iowa State Fair go modern this year and use tractor-mounted manure loaders. Anyway, it was the first year I'd noticed them. Loaders beat the old pitchforks in handling manure from the stock barns.

• • •

NEXT year, it would be nice to carry the modernization program one step farther. Why is it necessary to chase the cattle out of the livestock judging pavilion and turn the place over to draft horses each noon?

• • •

I CAN get as sentimental over a horse as almost anyone else.

• • •

BUT I noticed a lot of people standing in the hot sun watching the cattle judging. The livestock pavilion was almost empty each afternoon while the handful of draft horses were being judged. From an attendance standpoint, the cattle judging is most important to State Fair visitors.

• • •

ANOTHER improvement at the fair this year was the location of the veterinarians' office in the corner of the horse barn. It's closer to all the livestock exhibitors, and much nicer for the veterinarians.

• • •

MOST striking improvement in 90 years of Iowa State Fairs is the war on flies. This year, a chemical firm donated and applied 2,500 pounds of 40 per cent homogenized DDT. Ground and buildings were sprayed.

• • •

IF FLIES can be controlled at the fair, the job certainly is possible on the average farm. Special attention was paid to spraying up under eaves, on wires, and around damp places.

• • •

THIS fall, the International Livestock Exposition, November 27 to December 6, will break with tradition. A native American will judge the fat steers. Rex Thomas told me they've secured A. D. Weber, Manhattan, Kan., for the steer judge.

• • •

THOMAS said Weber was the unanimous choice of all three beef breed associations. In the past, a prominent Britisher was usually imported for the job.

• • •

WEBER is widely known and respected as a beef cattle judge. He has judged at Iowa, the International and other major shows. He is the head of the department of animal husbandry at Kansas State College.

• • •

I'LL miss the Clay county fair this year because of my vacation, but I'll be back in time for the Dairy Cattle Congress, in Waterloo, October 1 to 10.

• • •

AGAIN this year, Wallaces' Farmer and Iowa Homestead will present plaques to the owners of the top 10 per cent of Iowa's living proved dairy sires. The awards will be made at the annual Dairy Herd Improvement Association banquet.

WE GIVE the awards. Floyd Arnold and Robert C. Finchham, of the dairy husbandry extension staff at Iowa State College, do most of the work in the making of selections for the winners.

• • •

MERRILL Gregory came back from his vacation with a county fair story. He stopped one evening at Glasgow, Mont. He looked in vain for a room. He was told not a room was available anywhere in town because of the county fair.

• • •

THAT drew a mild protest from my fellow editor. Until he was told many people live so far from that Montana county-seat they can't drive to the fair and home again in one day. So they have to stay overnight.

• • •

NOW Merrill knows what they mean by wide-open spaces. Altho C. H. Kimberley, and a few others, who attended the 1948 fair, can remember when it took more than two days to come to our State Fair.

• • •

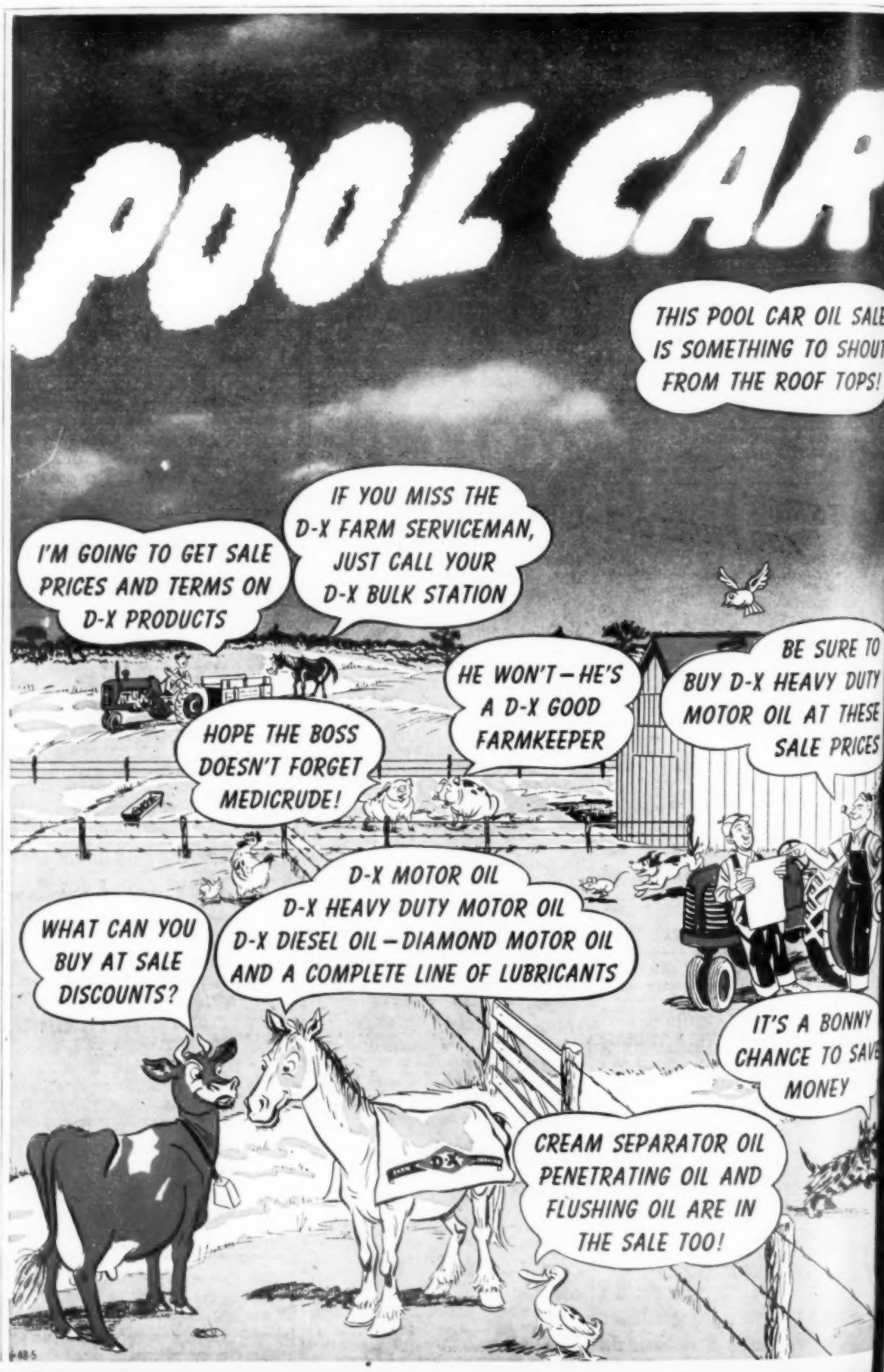
EVERYONE around home, in northwest Jasper county, calls Mr. Kimberley "Uncle Mack." He attended his first Iowa fairs in 1880 and 1881. This year, he probably came to the fair in minutes, compared with hours it took in 1880.

• • •

HIS has been a rare privilege. I can't remember if "Uncle Mack" was born in Jasper county or not, but I've heard how his family came there by covered wagon from Allamakee county.

• • •

FEW men have had the opportunity to go from covered wagon to atomic energy in their lifetimes. Fewer still are the men who have maintained a vital interest in agriculture, in the affairs of the county, state and nation, during such an important period.—W. D. Inman.



Workday Pointers

EARLY MARKETING brings the best price to the hog raiser, one year with another.

▲ ▲ ▲

AFTER A FREEZE kills the flies is a good time to dehorn cattle or perform other operations.

▲ ▲ ▲

WINTER WHEAT should be sowed as soon after September 1 as the fly-free date is announced.

▲ ▲ ▲

EARLY ORDERS for corn crib material may save difficulties when corn picking time comes.

▲ ▲ ▲

WELL-PAINTED houses let in much less cold air than unpainted houses. The paint fills up the cracks. Sometimes leaking around windows can be stopped by a heavy coat of paint.

SIX GALLONS of water is required per day for each 100 laying hens.

▲ ▲ ▲

FRESH EGGS lose as much quality in 24 hours at 90 degrees as they lose in three days at 70 degrees or 24 days at 50 degrees.

▲ ▲ ▲

CORN CRIB capacity can be determined by taking two-fifths of the cubic feet. To get the number of cubic feet, multiply length by width by average height. For example, a crib 32 feet long, 8 feet wide, and with an average corn depth of 10 feet, would have 2,560 cubic feet (32 x 8 equals 256 x 10 equals 2,560). Then two-fifths of 2,560 is 1,024 bushels. If you like decimals, multiply the cubic feet by .4 and you get the same result.

FROSTED CORN that is to be cut for silage or fodder should be harvested the next morning after the freeze, to save the most leaves. Watch the weather and have everything ready.

▲ ▲ ▲

CORN PICKERS will be under unusual strain this fall picking the heavy crop. Chains and gears should be carefully examined and replaced if worn. It's only a little over a month until corn picking time.

DUST accumulated in hog houses should be removed before cool weather drives the hogs inside to sleep.

▲ ▲ ▲

EACH FALL PIG in the farrowing pen represents 140 to 160 pounds of feed. You can earn good pay keeping pigs alive.

▲ ▲ ▲

FAST GAINS always pay off on fall pigs. There is no grass to wait for. Big pigs stand the winter better than small ones.

▲ ▲ ▲

NEW CORN will not cause pigs to get hog cholera, but changing from old to new corn too rapidly may cause digestive trouble. Then pigs are more susceptible to any disease.

▲ ▲ ▲

ASPHALT SHINGLES can be cemented down for protection against wind. Put a spot of asphalt roofing cement about one inch in diameter under each of the shingle tabs.

▲ ▲ ▲

BIGGEST DANGER to new-born pigs is the brood sow. Three out of five pigs that failed to live to weaning time were crushed by the sow in an Iowa State College survey of 20 Iowa counties. Guard rails and attention at farrowing time will save some of the pigs.

▲ ▲ ▲

LOOSE DIRT pushed into ditches or gullies should be seeded to some grass during this month. Rye will help hold the dirt thru the winter. Transplanted Reed's canary grass makes a good waterway sod. Timothy seed can be added to any other grasses that may be used.

▲ ▲ ▲

GAS MAY FORM in newly-filled silos and crowd the air out. It means death for anyone who enters. Use the blower if it is still set up, to get ventilation before you enter. Or, if the silo has been filled several days and the blower has been taken down, open the doors at the silage level and let the silo air out before you enter.

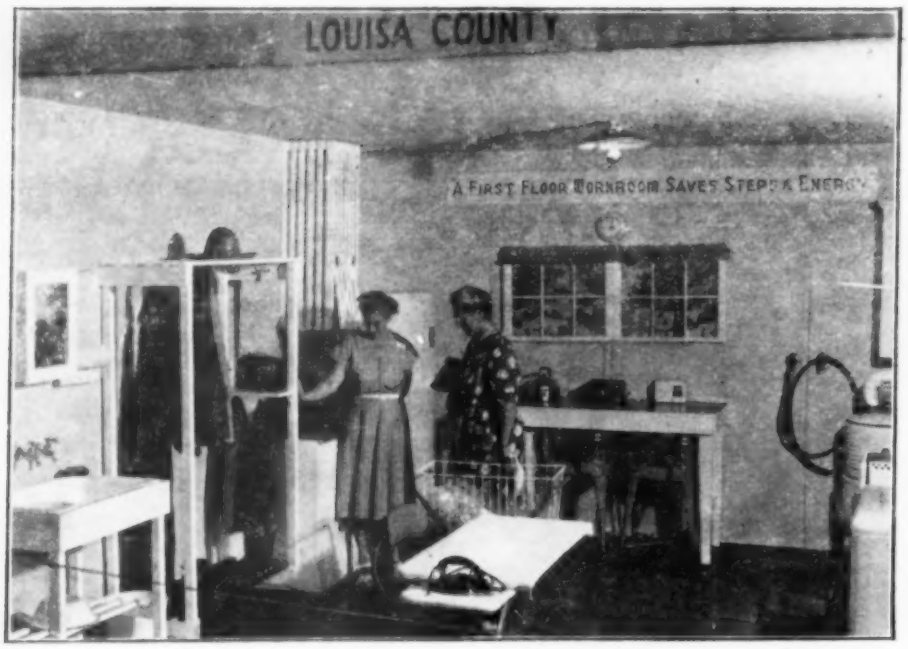
▲ ▲ ▲

WOVEN WIRE fences can be tied to the corn stalks if parts of the fields are to be fenced off for hogging down. Cut the corn stalks off just above the wire after the fence is tied to them. This method requires good corner posts so the wire can be stretched tight. You may need a few posts between if the wire goes over hills or thru valleys.

▲ ▲ ▲

A GOOD LOOK at your corn crop now will tell you a lot about what your soil needs. If the corn has had a yellowish green color for the last few weeks, the soil is short of nitrogen. If the corn is slow in maturing, there may be a shortage of potash. Corn that is starved for potash may turn yellow, too, but the leaves turn yellow at the edge first. Nitrogen-starved corn leaves get yellow streaks down the middle. Lack of phosphorus is not so easily seen at this time of year. Corn leaves get a purple hue when phosphorus is lacking, and maturity may be slightly delayed.

Homemaking Department



Mrs. Arthur Christensen and Mrs. R. J. Barnes show the practical arrangement of a modern utility room in a farm home. The exhibit portrayed here was arranged by Louisa county.

Mary Pat Kanealy, Dallas county, reads a book from the Guthrie county display. Subject of the exhibit was "Never Graduate From the Library."

Bruce and Pamela, Guthrie county, make their first visit to the Iowa State Fair. The twins were two years old in July, and are the children of Mr. and Mrs. James Quegg.

Mrs. Harmon H. Ohn, from Guthrie county, won first prize on these sugar cookies. Mr. Ohn does his part when it comes to testing and tasting his wife's many entries.

"The Way We'd Like To Live"

FAMILY living in rural Iowa is as up-to-date and just as modern as the newest development that has been made in the application of atomic energy. That is, if we can judge by the women's exhibits at the Iowa State Fair.

Every possible angle of home and family life was worked out in attractive exhibits shown by women from seventeen selected counties.

For instance, there was an ultra-modern living-room in the booth arranged by the women of Marshall county.

The display was built around two parts of a sectional davenport that had been constructed from two seats from an old automobile.

The lovely low table in front of these pieces was made from old mahogany planks.

The modern farm family travels. So Linn county women had worked out a very effective display on "Tips for Traveling." There were practical suggestions on every possible angle, starting on how to pack luggage and going on to how much to tip a bell-boy in a large hotel.

Hardin county, on the other hand, displayed a booth on the "problems" of handling 'teen-agers in today's world. The exhibit showed how the school, the church and the home contribute to the living of the modern 'teen-ager.

The modern farm kitchen was the subject of the exhibit made by Clarke county. Stress was placed on new equipment and good arrangement for easy handling of work.

The modern kitchen must be as streamlined as a factory, but at the same time must not lose its homelike qualities.

Health, clothing, books and food were other subjects covered by the women's exhibits.

Over in the culinary department things were picking up, too. The first year the fair opened after the war, there were few entries, due to the lack of sugar. Last year, the drouth and floods cut down on entries of fruit.

But, this year, there were over 2,000 entries, with many new names, from every section of the state. It takes work and planning to bring perishables from a distance, but this year the shelves were full.

COUNTRY AIR

By ELIZABETH C. WHERRY

I'VE always been a bit skeptical over button collections. "Just another button box," I privately snorted. Certainly, my button boxes were never very glamorous. Purely functional, and needing to be sewed on was my idea of buttons.

* * *

Today I met a real button collection thru the collector's enthusiasm over a new find—"Rebecca at the Well." Only mildly interested, I said, "U'm-hm, very nice." And then the collector opened her box with its cards neatly labeled and folded in tissue paper.

* * *

All manner of precious circles and squares. "H—m!" I said, as a card of "Heads" was uncovered. Buttons celebrating the historic Mongol warrior Tamerlane and an ancient "Merry Oldsmobile" were revealed.

* * *

There was a card of jet buttons, some shaped and carved fantastically, some inlaid with gilt in the old Persian palm design.

* * *

There were buttons with Bible scenes, mythology, crackle glass, rosales and quaintly designed pearl buttons that weren't just underwear buttons, tho many of them must have adorned pantywaists of little girls now long grown and passed to their reward.

* * *

My hostess got out "The Book" —a gift from her husband. It listed rare and valuable buttons, giving approximate value, history and other items of interest.

* * *

We discovered her "Rebecca at the Well" was one of a series, hers being worth $1, tho there is another listed as worth $7.50. You can see how one's interest could be whetted from the economic standpoint alone.

* * *

"H—m," I said again, copying the name of "The Book," which seems to be only one of the button collectors' informative volumes. This volume was "Button Classics," by L. Erwina Couse and Marguerite Maple (Lightner Publishing Company, Chicago), and was published in 1941.

* * *

There was a high window ledge of old glass in this home, too. My hostess, a farm woman, doesn't "collect glass," but, with an eye to charm and story, she made a satisfying color harmony with the old rose and blue transparent ware, with several small, pale blue hens on opaque blue nests.

* * *

On the mantel were two cornucopia vases, each with a half-opened lotus bud and delicate pinkish "baby's breath." Frankly, I think the delicate flowers were something other than gypsophila, but who cares?

* * *

The idea is that the appointments weren't just the conventional gadgets one finds in magazine pictures. They were chosen because they held interest for the homemaker. They were the kind of things that made you want to say, "Oh, tell me about this!"

* * *

Homes like that are fun to go into. I know homes with expensive flower prints on the walls. There are the newest conventional fads and ornaments on table or mantel, and if you said, "Oh, tell me about this," all there'd be to tell would be the price.

* * *

Oh, well, I should bother my head over all this when I've just had the offer of a half-dozen flowered Haviland cups and saucers.

* * *

If I never find enough plain white Haviland to finish up the set I never quite accumulated, or to replace the chipped or cracked pieces, I can always gaze fondly upon my flowered ones.

* * *

When does maturity creep into a landscape? Overnight? On a hot August day? Over a week-end when you're busy with company?

* * *

Suddenly, you look up as you ride along the road, or look out the window. You detect a brownish tinge in a mass of woodland leaves. There's a yellow tint to all the landscape. The Master Painter is slipping in a bit of chrome.

* * *

The tender cream tint of corn pollen over the acres has been graved a bit. The tassels have performed their work, their pollen is dropped, and old age creeps upon them.

* * *

A friend gave me a pailful of Wealthy apples the other day. In common with other growing things in this amazing year, I've never seen Wealthys more beautiful. The skin was so exuberantly red that the color ran into the meat of the apple. The sauce they made bubbled up into a rosy fluff.

* * *

The best fun was picking up these Wealthys from under the tree. Dropped into a lush carpet of blue grass and ragweed, they gleamed invitingly.

* * *

You couldn't stop picking them up. Your hands were full and spilling over. You hugged the rosy handfuls to your bosom. You wished for an old-fashioned kitchen apron.

* * *

But you couldn't take time to straighten up and put them in a bucket, because there was a redder apple just beyond. In fact, one just fell that was larger and redder than the others.

* * *

Oh, I know—I know about picking up windfalls. When there's a couple bushels of striped Wealthys waiting out on the back porch, two baskets of tomatoes waiting to be canned, grapes turning purple, a second crop of beans coming on, and the last planting of corn to be canned, you wish a big apple would conk you over the head and knock you plumb out until next Christmas!

ROBIN HOOD

Raised Doughnuts

½ cup sugar
2 tsp. salt
½ cup shortening
2 eggs
1 cup milk, scalded
2 cakes compressed yeast or 2 packages granular yeast
4 cups (about) sifted *Robin Hood Enriched Flour*

Recipe by Miss Rita Martin, famous Robin Hood Home Economist.

COMBINE—sugar, salt and shortening; add the scalded milk and cool to lukewarm.
ADD—crumbled yeast and stir until dissolved.
ADD—well beaten eggs and flour, mixing well.
KNEAD—until smooth and elastic.
PLACE—in a greased bowl, cover and let rise until double in bulk.
ROLL OUT—to ½ inch thickness and cut with doughnut cutter.
PLACE—on greased pan 1 in. apart, let rise in warm place until very light.
FRY—in deep fat at 360° until brown, turning once.
DRAIN—on absorbent paper, then roll in sugar.
YIELD—about 2 dozen doughnuts.

Now I use Robin Hood and everybody envies me my baking success
—Mrs. John P. McDonald, Mound, Minn.

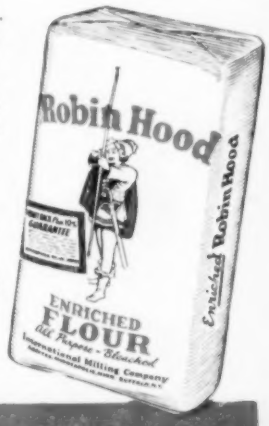
"I used to think that all flours were pretty much alike," says Mrs. McDonald. "But I soon discovered that Robin Hood was different. There's something about that Million Dollar 'Secret Blend' that seems just like magic."

That's right, Mrs. McDonald. Robin Hood Flour *is* different. Immense sums have been spent to perfect its Million Dollar "Secret Blend," and when you use Robin Hood results are guaranteed. Yes, there's a money-back-plus-10% guarantee in every bag that says you just have to get top results.

For the lightest, fluffiest cakes the tenderest, flakiest pastry . . . the most flavorsome bread you ever ate . . . always use Robin Hood Enriched Flour. Ask for it the very next time you are at your grocer's.

6-way nourishment when you bake with ROBIN HOOD Enriched Flour

Look for valuable Aluminum-ware Coupon in each bag of Enriched Robin Hood Flour!



INTERNATIONAL MILLING COMPANY
General Offices: Minneapolis, Minn.

Enriched **Robin Hood Flour**
Reg. U. S. Pat. Off.
"America's Fastest Growing Flour"

"the cooking ware with the *BUILT-IN* heat distributor!"

NESCO
Evenheet
STAINLESS STEEL UTENSILS

OUT of sight, where it never needs special cleansing or care—*built-in* between inside and outside surfaces of easy-to-clean stainless steel—is the unique heat-distributing core which enables beautiful Nesco Evenheet Utensils to perform better and faster.

This special core extends through *every inch* of the bottom and sides. Cooking results are more uniform, "spot scorching" is avoided, cooking time is cut. Insist on "the cooking ware with the *built-in* heat distributor"—Nesco *Evenheet* Stainless Steel Utensils!

Pictured above: Covered Sauce Pots, made in 4, 6 and 8-qt. sizes.

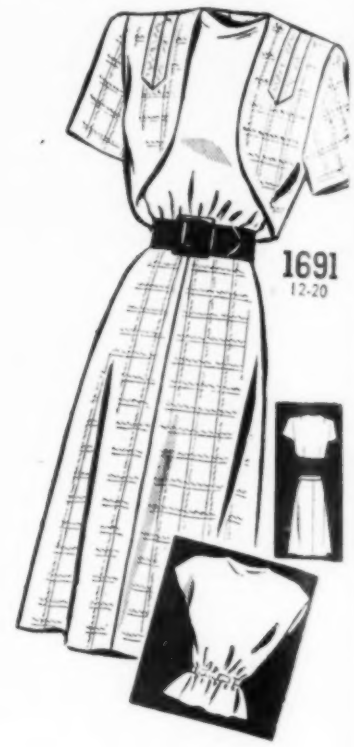
Other Nesco products include pressure pans, enameled ware, tinware, galvanized ware, decorated ware, electric roasters, electric ranges and heaters, oil ranges and heaters.

NATIONAL ENAMELING AND STAMPING COMPANY
DEPT. AQ-10, 270 N. 12TH ST., MILWAUKEE 1, WISCONSIN

New Styles For Fall

No. 8323—Youthful frock, especially appealing. Will be nice in a softly striped fabric. Sizes 12, 14, 16, 18, 20, 40 and 42.

No. 1691—Ever-popular bolero outfit. Easily and quickly made from sew chart. Sizes 12, 14, 16, 18 and 20.



No. 1787—For women who love simplicity. Graceful daytime dress. Sizes 34, 36, 38, 40, 42, 44, 46, and 48.

No. 1826—Dainty party dress that will delight a little miss. Contrasting fabric for yoke. Sizes 2 to 6.

No. 8357—Men's shorts in boxer or yoked style. Waist sizes 28, 30, 32, 34, 36, 38, 40, 42 and 44.

Patterns are 25c each, in coin or stamps (coin preferred). New Fall and Winter FASHION (also 25c) offers special features, fabric news, and complete pattern free. Order from Pattern Dept., Wallaces' Farmer and Iowa Homestead, Des Moines Iowa. CAUTION: Include your name and address when you write.

COOKERY CORNER

MEAT-LOAF DINNER

1½ pounds hamburger
½ cup sausage
1½ teaspoons salt
¼ teaspoon pepper
1 small onion, minced
1 egg
1 cup dry oatmeal
½ cup milk or tomato juice

Shape into loaves with centers filled with the following:

3 cups mashed potatoes
1½ cups bread crumbs
1¼ teaspoons salt
Dash of pepper
6 tablespoons melted butter
½ cup milk

Place loaves in a roaster side by side. Bake in a hot oven for 45 minutes. Place peeled carrots and sweet potatoes around loaves and bake until vegetables are tender.—Jane Vanderbur, Monona County, Iowa.

OATMEAL BREAD

1 package quick yeast
1¼ cups oatmeal
2 level tablespoons shortening
2 level tablespoons sugar
2 level teaspoons salt
4 to 5 cups flour

Dissolve yeast in one-half cup of warm water. Cook oatmeal in two cups of boiling water for five minutes. Remove from fire and add shortening, sugar and salt. Cool to lukewarm and add yeast mixture. Stir well. Add flour until stiff enough to knead. Toss onto floured board and knead for 10 minutes, until it is elastic and does not stick to your hands. Add more flour if necessary.

Put in a greased bowl and put in a warm place until it doubles in bulk (about one hour). Put out on board and shape into two loaves. Put in greased bread pans. Put in a warm place and let rise until it doubles in bulk. Bake in a pre-heated 375-degree oven for one hour.—G. M., Lancaster County, Nebraska.

CARROT-APPLE SALAD

1 cup shredded carrots
½ cup seedless raisins
1 cup chopped celery
1 orange, diced
1 unpared apple, diced
½ teaspoon salt
½ cup salad dressing
2 tablespoons peanut butter

Combine vegetables and fruits. Add the salt. Blend together the salad dressing and peanut butter. Thin with a little cream if desired. Toss lightly with salad ingredients. Serves four to six.

WHITE MOUNTAIN ICING

Put one cup sugar in one-fourth cup hot water and boil until it threads. Whip whites of two eggs to stiff froth and add syrup, beating constantly. When nearly cool, add vanilla.—E. Z., Mahaska County, Iowa.

PEANUT BUTTER CUSTARD

2 eggs
¼ cup sugar
¼ teaspoon salt
¼ cup peanut butter
2 cups milk (or one cup evaporated milk and one cup water)

Beat eggs slightly and add the sugar and salt. Combine peanut butter and half a cup of milk, and beat with a rotary beater until smooth. Add remaining milk and egg mixture and stir until well mixed. Pour custard into individual custard cups and place in a shallow pan containing one inch of hot water. Bake in a 350-degree oven for about an hour, until a silver knife inserted in center comes out clean.

Try These Watermelon Pickles

Cut watermelon rinds in two-inch pieces, cutting out all the pink. Soak overnight in one gallon of water, two tablespoons of salt and one teaspoon of alum. Drain.

Use enough water to cover, add vinegar to taste, and simmer in this till the rinds can just barely be pierced with a straw. Then drain thoroly.

Weigh rinds and add as much sugar, by weight, as you have rinds. Add enough water to almost cover. Put lid on kettle and simmer until rinds are clear. Don't cook too soft.

Repeat this four mornings. The last morning, add vinegar to taste and also add stick cinnamon and whole cloves. Heat again, put in jars, and seal.

MARY FOSTER

GET BETTER BAKING PLUS THIS STURDY ALUMINUM SAUCE PAN

FREE WITH EACH 50 lb. SACK OF

Mother's Best FLOUR

YOUR GROCER HAS IT FOR YOU NOW!

GET YOURS WHILE THEY LAST!

This is a grand opportunity to try Mother's Best Flour. You'll be amazed how it gives glorious baking success. Bakes marvelous cakes and pastries as easy as bread and rolls. No finer flour in all America. Try it soon for all your baking. Bread, biscuits, cake, pies, rolls, muffins, cookies. You need no other flour. Buy a 50 lb. sack now and get a fine aluminum sauce pan FREE. Your grocer has a sauce pan with each 50 lb. sack. Don't put off. Get yours now, while they last. Ask your grocer for MOTHER'S BEST FLOUR right away.

Mary Foster

BOTH VITAMINS AND MINERALS ADDED

FOR THE BEST EATIN' PANCAKES — TRY Dixianna PANCAKE MIX

Delectable Vine-Fresh Flavor with Sure-Jell's 1-Minute Boil!

Follow this foolproof Sure-Jell recipe exactly, for super results!

GRAPE CONSERVE

5 cups prepared fruit; 2 lemons; ½ pound seeded raisins; 1 cup chopped nuts; 7 cups sugar; 1 box Sure-Jell.

To prepare fruit: Slip skins from about 3 pounds fully ripe grapes. Add 1 cup water to pulp; bring to a boil. Simmer, covered, 5 minutes. Sieve to remove seeds, add chopped skins. Measure 5 cups into *large* saucepan. Add 1 tablespoon grated lemon rind, ¼ cup lemon juice, raisins, and nuts.

To make conserve: Measure sugar, set aside. Place saucepan of fruit mixture over high heat. Add Sure-Jell; stir until mixture comes to a hard boil. At once stir in sugar. Bring to *full rolling boil, boil hard 1 minute*, stirring constantly. Remove from heat, skim, ladle quickly, paraffin at once. Makes about 13 six-ounce glasses.

—ready for the jelly makers! Make *plenty* of this delicious, fresh-flavored conserve — the easy, speedy, Sure-Jell way!

A product of General Foods

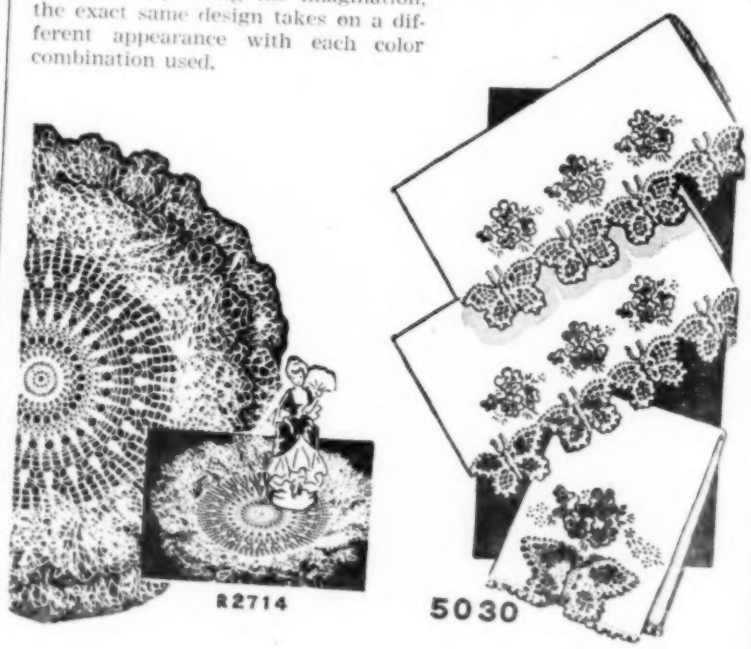
Handwork for Fall

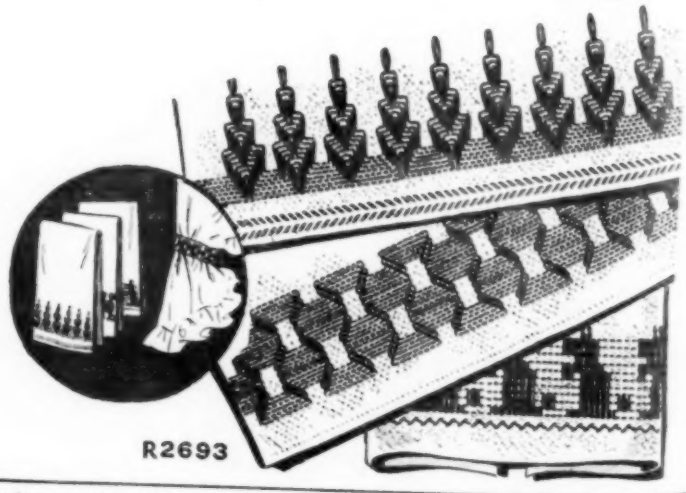
No. R-2692—It's much more fun to create your own party decorations than to buy them. Pretty pink and white crepe paper parasols are simple to make and add zest to entertaining. Easy step-by-step instructions for making parasols, nut-cups, canc''s-base and place-cards.

No. R-2714—Perfect companion piece for cherished bric-a-brac and gleaming mahogany. Smartly simple 10-inch center. Each frothy ruffle two and one-half inches. An engaging accessory and enchanting gift.

No. 5030—It's easy to turn plain pillowcases and towels into special-occasion linens with this pattern. Instructions for dainty crocheted butterflies and hot-iron transfer for the delightful flower bouquets.

No. R-2693—Now that huck toweling is easy to purchase, you'll want these three designs to work up into towels, runners, pillows and handbags. By using the imagination, the exact same design takes on a different appearance with each color combination used.





Designs are 20c each, in coin or stamps (coin preferred). The new Fall and Winter FASHION is 25c. Contains much informatio and a pattern free. Order from Pattern Dept., Wallaces' Farmer and I wa Homestead, Des Moines, Iowa. CAUTION: Always put your name and address on the order.

The barbecue is nearly done. The coffee is on the fire and the apples are strung across on sticks to bake.

Fall Is The Time For Barbecues

It's the Season to Get Friends Together For an Outing They Will Never Forget

A GOOD time is in store for a group of your friends on a barbecue. The tangy smell of roasting pork and delicious sauce dripping into the fire—that's pretty close to heaven as far as hungry appetites are concerned.

The cost is small. You can do it on one thin dollar for each guest. So send out the scouts, get that 225-pound porker lined up for the kill. It should dress about 60 per cent, and you'll have enough meat for 50 big appetites.

The fun begins with the arrival of your friends. You will probably want to go to the woods for the affair. As soon as the first guests arrive, hand out the shovels.

Explain that the pit must be 3x5 feet, with straight sides. Pile the dirt around the edges for the grid to rest on later. Next, bring out the masterpiece that you've been laboring on for the past week in your garage workshop.

When your guests see this, they will brand you as a master in the art of barbecuing. What they will not know is that you've taken old silo rods, bent them into a 4x6-foot frame, welded the ends together, and stretched a piece of woven wire fencing over it. Now the barbecue is on.

Put the women to work cutting up the carcass. Slice it up into six pieces, two sides and four legs. It will cook in about five hours, whereas it would take 24 to do the job whole.

Someone will start the fire roaring, but don't put that meat on until the fire dies down. Use the nice hickory coals for the meat to cook.

Slap the hunks of juicy pork onto the edges of the grid. If they are put in the center first, the drippings will cause the fire to flare up, burning the meat before it is done.

There'll be need for good help from official turners and basters later on, so get the job begun right away.

Two hours will bring the crisp slabs into the right consistency for basting. Just to prove that you weren't kidding about being master of the situation, bring out the new, long-handled dish-mop for the basting process.

When they smell that delicious sauce dripping over the crackling meat, they'll mob you for the recipe. It's simple, and you will admit that it wasn't much trouble to compound. Here it is:

Barbecue Sauce: 8 ounces of chopped onions, 2 cloves garlic, 1 cup salad oil, 3 tablespoons sugar, 1½ teaspoons dry mustard, ¼ cup Worcestershire sauce, 4 cups meat stock, 2 teaspoons salt, 1 teaspoon black pepper, 1 teaspoon tabasco sauce, 2 teaspoons grated lemon rind, ¼ cup lemon-juice, 4 cups catsup, 2 cups vinegar.

The onions for the sauce must be chopped small. Cook them with garlic in salad oil until a light brown. Then add dry ingredients until all are used. Cook mixture slowly for an hour.

You can make a gallon of it for only 82. Use three quarts in basting, save the remainder for sandwiches later.

To prove you're the miracle man of the affair, you can produce the spuds at this time, and let each prepare his own. Medium size will be best for roasting.

Roasting is easy. Just soak a single sheet of old newspaper in water, wrap the spuds in it and place under the coals in the fire.

Just as necessary as the meat will be the boiler from the house. That's for the coffee to go with that grand barbecue. Your friends won't expect dessert on a party like this, but you'll fool 'em again.

A bushel of firm cooking apples is all set for baking. That is simple, too, as each cores his own and strings it on a stick over the grid.

While they're doing this, suggest that those who like onions may bake them now, too. Apple-baking and onion-baking should start about 45 minutes before the meat is ready to serve.

Finally, the time comes. Hungry people will be hovering over the grid, so stave off the rush till the sizzling pork is removed.

Who'd have thought my *coffee* would get me more compliments than my angel food cake! Folger's did just that! You should have seen the grins, and heard the "Ahhhhhhh's!" Of course, I couldn't take credit for the Folger Flavor—but I *do* accept all compliments for having discovered its special goodness.

COFFEE FLAVOR SO GOOD, IT ALWAYS GETS SPECIAL MENTION

Haven't you noticed this at your house: A good cup of coffee will be singled out for delighted praise, though the table be fairly groaning with many other delicious things? When you serve mountain grown Folger's you can depend on it, your coffee will always get special mention. For Folger's is a different *kind* of coffee—distinguished by a highly individual and extra-delicious flavor . . . Flavor so *specially good* it just can't be compared to any other coffee you ever tasted. Won't you try it and see how good coffee can be? Just ask for mountain grown Folger's coffee.

A Special Kind of Coffee-
MOUNTAIN GROWN
So Extra Rich in Flavor You are urged to
TRY USING ¼ LESS
than with lesser flavored brands!

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THERE'S A MOUNTAIN OF FLAVOR IN EVERY SPOONFUL

Dairy Experts PROVE VEL* REDUCES BACTERIA COUNTS

Cleans Milking Equipment Cleaner, Faster, Easier!

"The Quick, Easy, VELocity Method Slashed Our Bacteria Counts," says Mrs. H. Sieg

"For a long time now, I've been washing my dishes with Vel—saving half of my dishwashing time. Then, recently, I began using Vel for cleaning the milking equipment, too—a job I used to *hate!* Now it's easy to get the equipment clean. And our bacteria counts have never been so low!" The Siegs farm 237 acres in Osseo, Wisconsin, and milk a herd of 23 cows.

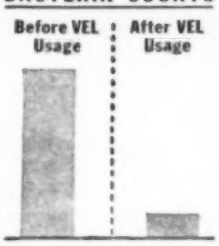
VEL *and only* VEL *gives you this proof*

No guesswork when you clean with Vel! The prominent New Jersey Dairy Laboratories have run tests which have proved that Vel cleans so clean, it reduces bacteria counts!

Just look at this chart! See how much lower the average weekly counts were on the farms tested—before and after pasteurization—when the milking equipment was cleaned with Vel.

Use the faster, easier VELocity method and keep all your milking equipment cleaner—get more money for your milk! Clean with Vel for low bacteria counts!

BACTERIA COUNTS



By switching to Vel, dangerously high bacteria counts were slashed!

LOOK at the results (above) of one of the most important dairy experiments in history! Proof that Vel reduces bacteria counts! Not a soap...not a bactericide, Vel *slashes* bacteria counts by cleaning milking equipment cleaner. Vel eliminates milkstone and leaves no milk fat or slime to feed bacteria.

Easier—*faster* to use! Vel cuts brushing to the minimum by *flushing out* milk fat and slime. Make sure your milking machines, separator, pails, cans, strainers, and churns are really clean! Use Vel!

VEL Is a Soapless Suds of the Type Recommended by Many Agricultural Schools

Yes, and four of the most important suppliers of milking equipment in the country recommend Vel: the makers of Perfection Milkers, Condé Milkers, Hinman Milkers, and the distributors of Farmcrest Milking Machines and Separators!

FREE BOOKLET—For complete details on the VELocity method of cleaning milking machines, separators, pails, strainers, etc., write Vel, Dept. M-620 at Jersey City 2, N. J.

***VEL is the trademark of the Colgate-Palmolive-Peet Co.**

VEL CUTS DISHWASHING TIME IN HALF!

Dishes and glassware gleam without wiping when they're washed with Vel, for Vel leaves no soap scum or greasy film to polish away. Vel cuts grease faster, more completely than soap! Vel is wonderfully mild to hands—contains no alkali!

Girls at Iowa Fair

4-H Girls Find Time for Companionship and Fun During Busy Week at the Fair

Off to See the State Fair

These Iowa girls (left to right), Joyce Allerly, Mills county; Mary Etta Hart, Palo Alto county; Genevieve Keil, Iowa county, and Ann Shea, Clinton county, leave their temporary home at Pinecrest Lodge, atop the hill, to see the Iowa State Fair.

New Uniforms Next Year

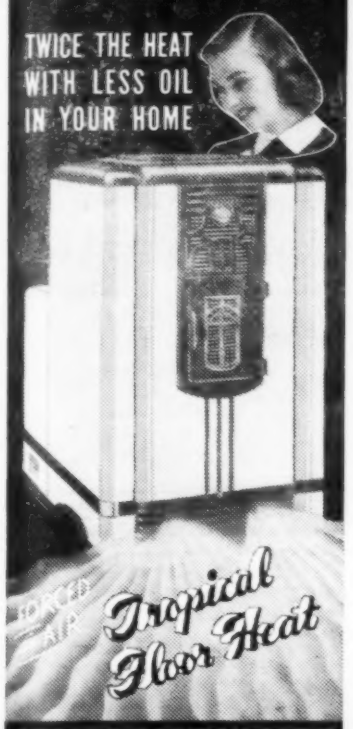
Keeping trim and neat is quite a job on a hot week. Here Joyce and Ann press their uniforms while Genevieve and Joyce wash up at the sink in the corner. Next year, all of these girls will be wearing the smart new uniform that has been designed for them.

How Joyce Won Her Trip

Joyce Allerly, who was on a demonstration team with Donna Lee Scott, shows her companions how she won her trip to the State Fair.

Siegler PATENTED OIL HEATER

TWICE THE HEAT WITH LESS OIL IN YOUR HOME



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When writing to our advertisers, please mention that you read their advertisement in Wallaces' Farmer and Iowa Homestead.

Washing Pillows

WHEN you're freshening the house with a good fall cleaning, don't forget to follow that process in regard to your bed pillows, says the University of Illinois College of Agriculture. If correctly done, the job isn't too difficult.

Simply make a bag from fine cheesecloth or muslin, about twice the size of your pillow. Turn it inside out, so that feathers won't be caught in the seam, and carefully shake the feathers from the pillow tick into the bag.

Many homemakers like to baste the opening of the tick to the opening of the bag before transferring the feathers. Then sew the bag securely shut.

To do the actual washing, swish the bag of feathers in a tub of extra-heavy warm suds. As the suds disappear prepare fresh water and suds and repeat the process until the feathers are clean.

The feathers should be rinsed two or three times in a large quantity of clear, warm water. Squeeze out moisture by hand, and hang the bag in a shady spot where the wind can reach it. And don't forget, of course, to wash the ticking also.

Fluff up the bag of feathers several times as they dry, and change the position of the bag on the line occasionally. This procedure helps the feathers to dry evenly and thoroly.

Soy Flour In Pastries

USE some soybean flour in your quick-frozen pastries, and you will have better luck. The shortening won't turn rancid so quickly, and pie crusts will actually be more tender.

That's the finding recently reported from the Oregon experiment station. In their tests, lard was used as shortening.

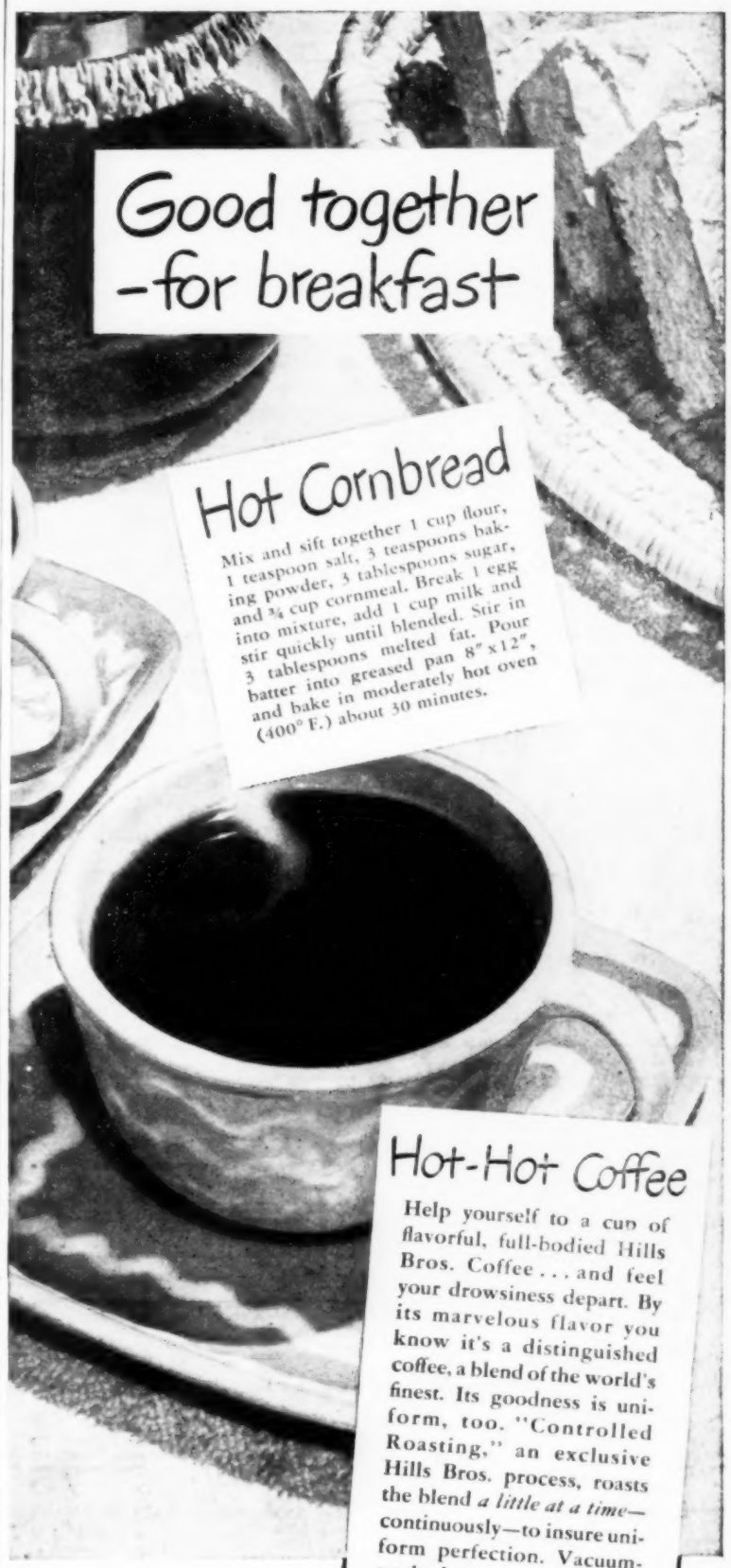
To the wheat flour, various proportions of soybean flour were added, ranging from 5 to 20 per cent. One comment was that the crusts with considerable of the soya flour tended to be "more crumbly than crisp."

The pies showed very little rancidity even after a year of storage at zero degrees. (And what housewife could keep a pie from her family that long?)

Pies baked before freezing had less rancidity than those frozen raw. But apple pies stored either way were rated very good by the judges.

Custard pies were not so successful. If baked before freezing, the filling did not turn out well. When frozen raw, and then baked just before serving, the custard lost flavor.

The more soya flour used, the more rapidly the pastry browned. Twenty per cent soya flour is as much as should ever be used. Even that amount may give more soybean flavor than desired. One to three tablespoons per cup of other flour is, then, the practical range.



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Grandma Was Right

DID you have an old-fashioned grandmother who performed miracles in her kitchen? I can remember the "Star" cookies, all sparkly with sugar, the corn bread, homemade noodles, pressed meat and the cottage cheese.

Grandma hadn't heard of vitamins, but they were there just the same. The natural, unrefined foods provide vitamins and minerals sufficient for our needs.

Cereals like whole wheat, and graham, oatmeal, cornmeal, barley and buckwheat are all excellent sources of vitamins and minerals, as well as being important for body-building and energy.

Eggs, milk and meat were usually plentiful and provided other vitamins, besides protein for making strong bodies. The molasses contained iron.

Remember baked beans and brown bread—sometimes Mexican or lima beans, or black-eyed peas! We know now what good sources of body-building protein they are, and that they are rich in vitamins and minerals.

Grandma had a big garden full of vegetables of every variety—providing all the vitamins and minerals needed for good health. There were probably apple and cherry trees, and currants and berries of all kinds.

Grandma and her family didn't fare so well for vegetables in winter. She canned tomatoes, made kraut and beet pickles, but that was about all after the root vegetables, stored in sand in the storm cellar, were gone.

Toward spring, it took daily dosing of sulphur and molasses to keep the family going till the garden came on. There was a lack of vitamins. They're not stored in the body and must be supplied daily.

Grandma would gasp at the ease with which we get fresh fruits and vegetables all year. And with our refrigerators for keeping foods fresh at home.

But Grandma cooked vegetables for hours in so much water that it had to be drained off! Now we know we must cook them in the shortest possible time and smallest possible amount of water, to preserve their vitamin content, color and palatable texture. If there is liquid left, we use it in soups, stews or gravies.

We are all eager to have healthy families. But we get confused by all we hear and read about vitamins and food values, and wonder how we can tell when we are getting the right amounts.

Think, then, of Grandma. Have natural, unrefined foods. Have a leafy, green or yellow vegetable every day, such as green beans, carrots, cabbage, lettuce, squash or pumpkin, and have some raw as often as you can. Have a fruit and one other vegetable in addition. Have tomatoes, or orange, or grapefruit every day.

Make graham or oatmeal bread, use whole-grain or enriched cereals. Make oatmeal cookies with raisins and gingerbread with molasses. Have plenty of milk, eggs and meat—and your family will reward you with good health, sound nerves and stamina to meet the days as they come.—G. M., Lancaster County, Nebraska.

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Free Booklet gives help for housewives

Many thrifty housewives have found that they save extra money by using Lewis'* Lye for many household chores, instead of more expensive soaps and cleaning preparations.

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Good Times At Fair

After Busy Days, 4-H Club Girls Relax And Get Together to Enjoy Themselves

Newcomers Get Acquainted

A good place to get acquainted with new friends is in the dormitory where the girls lounge and visit. Joyce Allerly (left), Mills county; Genevieve Keil, Iowa, on top of bunk, greet Mary Etta Hart, Palo Alto, and Ann Shea, Clinton.

New Friends Eat Together

Good meals for hearty young people are served in the restaurant, which is open for both boys and girls. Ann Shea, Genevieve Keil, Joyce Allerly and Mary Etta Hart eat their first meal together.

Midway Is Part of the Fun

After a busy day, the girls slip away to the Midway. Here, Ann (left), Genevieve and Mary Etta buy some cotton candy. Thelma Wendell, assistant 4-H Club leader, from Clinton county, joins in the girls' fun.

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Fleischmann's *FAST RISING* Dry Yeast

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In any type fountain, Dr. Jespersen's FOWLTON Concentrate is used by thousands. Prices—For 100 Hens, $2.75; 200 Hens, $5.25; 400 Hens, $9.75. Also for chicks of any age.

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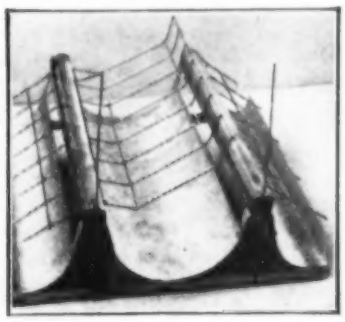

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City Woman Moves To The Farm

Family From New York City Shifts To An Illinois Farm During The War Years

Editorial Note: Mrs. William Dreier, who reviews the book, "The Earth Is Ours," by Marion Pedersen Teal (Crowell, $2.75), is an Iowa farm wife. Mrs. Dreier, like the author, was raised in the city and went to the farm later. She, too, speaks from experience.—Z. R. M.

"THE Earth Is Ours" is too pretentious a title for the little 200-page book by Marion Pedersen Teal.

To be sure, in only six years they reclaimed an inherited farm of 230 fertile Illinois acres and a $7,000 mortgage.

"We saw our house for what it was—big and stark and old."

They—the author, her husband and small son—felt as tho they were pioneering when they moved from the small New York City apartment and from the seventeenth-floor office of a large insurance company, where Husband Ray worked in the farm mortgage division.

The story begins about a year before the opening of World War II, and even the old house on the rundown farm had a pipeless furnace and electricity along with its hideous wallpaper, high wainscoting—and rats!

Altho Ray had to borrow money to finance the buying of stock, machinery and seed, he was well equipped in other ways. He had been farmer-born and farm-raised, and had received a master's degree in agricultural economics from the University of Illinois.

His wife sought to farm-educate herself from the city library before leaving New York, but failed to find anything on the "business man of the soil, the midwest corn and hog farmer."

If this failure inspired her to write about their own efforts, she has achieved a story of interesting incidents, but wholly lacking in plot, and in no sense a scientific treatise of corn and hog farming.

The chapters telling about the farm neighbors are amusing and good portraits of characters. They include:

Aunt Lena, whose family ate no vegetables and who had no use for universities nor for doctors.

Pete Hanson, who considered himself smart to have kept his daughter home to do the work of a hired man when his sons left him for paying jobs.

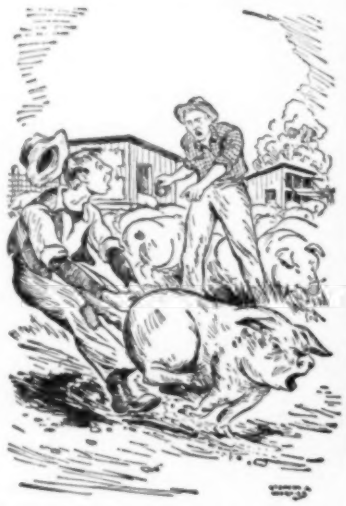
Matthew Martin, who "knew all about farming before the university ever got out its first bulletin, and never had to read one of them."

Amy Britt, who was sure she'd lose her mind every afternoon at 4 o'clock.

Redecorating the old house according to modern ideas—one wall different from the other three, book shelves of boards supported on rose-colored concrete bricks, making David's room into a circus cage, with a piano painted red, and with old metal milk stools—amuse and at times startle the reader.

Fighting rats was one of her major projects, and led to one of her cutest soliloquies: "The Teal coat-of-arms, if it were honest, would be a broken brick and a flattened tin can rampant on a field of Swiss cheese."

The chapter on "Egg Money" is my choice for first place. From the time she took the two crystal dressing-table lamps with rosebud silk shades to the brooder house to furnish additional heat for the new chicks, to the time when she "dressed" the first fry, more than one city-to-farm wife will find her own experiences paralleled.



"The hired man didn't pull the hog's tail, he just hung on."

The little book has a happy ending. In spite of the poor hired man, loss of the tractor, war-time scarcities, by the help of contour farming, grass water-ways, hybrid seeds, commercial fertilizers and artificial insemination, the Teals had, at the end of the sixth year, a fine, modern farm.

We leave them planning a new house and barn, a crop rotation of three-fifths pasture and hay, one-fifth oats and one-fifth corn, and hoping their sons will love the farm as they do. It sounds like a fairy tale to many midwest farmers who haven't done this well in twice as many years.

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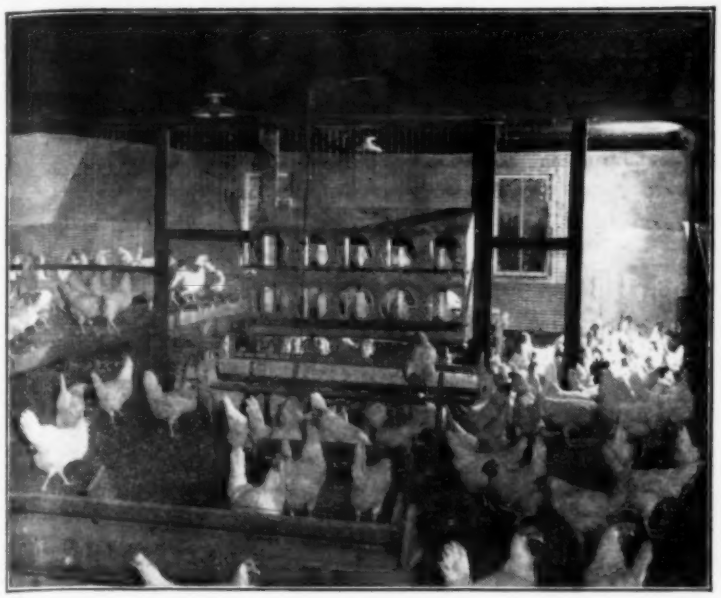


Insulation makes ventilating system work for Gerald Pearson, Jasper county, Iowa, because inside temperature stays more even. Corrugated aluminum protects the insulation against picking.

Deep Litter System---

It Will Work If You Use It Correctly

Deep litter in the hen house can take a lot of drudgery out of poultry keeping — if it is used right. Here's what W. R. Whitfield, Iowa State College extension poultry specialist, has to say about it:

MANY flock owners succeed with deep litter. Some of them fail. Why?

Is it how much litter you use—when or where—that makes the difference?

We don't have all the answers. But deep litter has come to stay, and we've learned a few facts about it:

Litter under eight inches isn't deep.

Deep litter will hold more moisture than shallow litter. How much you need depends upon the amount of water used by the flock.

A bale or two of litter for 100 hens is not enough. The daily water consumption, most of which is thrown off, amounts to about six to ten gallons. To get quick evaporation of that much water, you need plenty of litter. That's why we start with eight inches.

Add more litter from time to time instead of cleaning.

Successful deep litter users among Iowa demonstration flock owners learned that old litter still had capacity for more moisture when it was tossed out. So they add to it instead of throwing it out. As new litter is added and mixed with the old, this extra capacity increases.

What makes the old litter better than the new? That's a puzzle, unless it can be explained by what is called bacterial action. This action is what causes litter to heat.

The manure content in the litter starts slow fermentation. This, in turn, causes heat. Heat drives off the moisture.

Use chopped litter and lime to prevent matting.

Deep litter fails most often because flock owners use the wrong kind of material. Long oat straw is the poorest among the common kinds of litter. Chopped oat straw is many times better.

Chopping doesn't increase the absorption; but chopped litter dries better because the birds toss it around—get air into it—and it doesn't mat on top like long straw.

Crushed — not ground — cobs, shavings and sawdust are all good.

Ohio experimental tests show that lime added to litter helps to prevent matting. Lime reduced sticking together of the particles. It's that sticking which causes caking or matting of the litter. Lime produces a loose rather than a drier litter, they say.

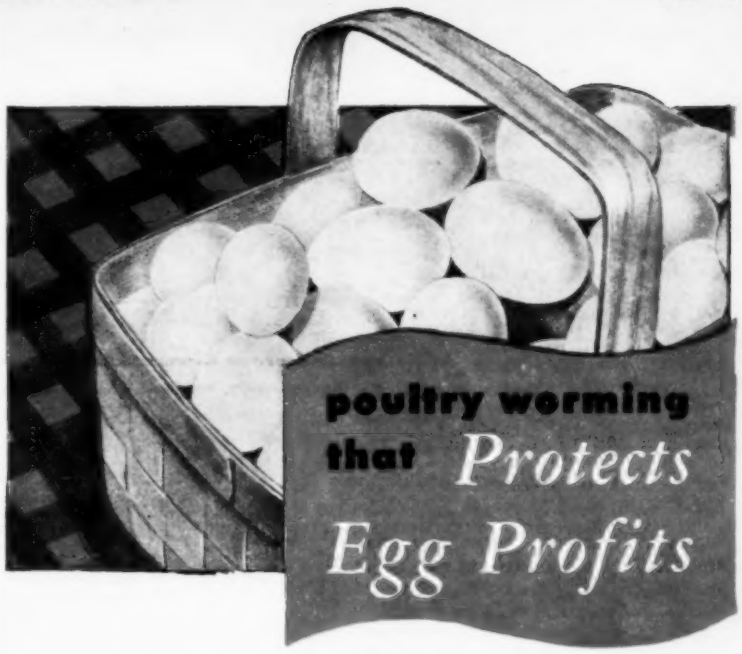
Deep litter works best in insulated, well-ventilated houses.

Any litter keeps in better shape in houses that are insulated and properly ventilated. This is because there is less accumulation of moisture during damp or cold weather.

But owners of single-wall houses are using deep litter with success. The flock owners are careful to avoid violent changes in temperature in cold weather by shutting windows or vents at night and opening them in the daytime.

Of course, deep litter won't work in overcrowded houses. If you put too heavy a load on the litter, you can't keep it in good condition. Sloppy use of water at the fountains also will keep the system from working best.

But, if you use deep litter correctly, you can cut down your hen house cleaning to once a year. And you won't need a clothespin to shut out the smell of ammonia.



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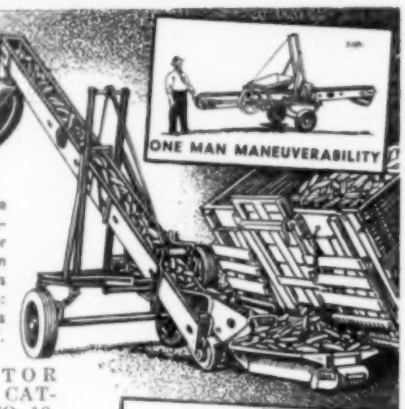

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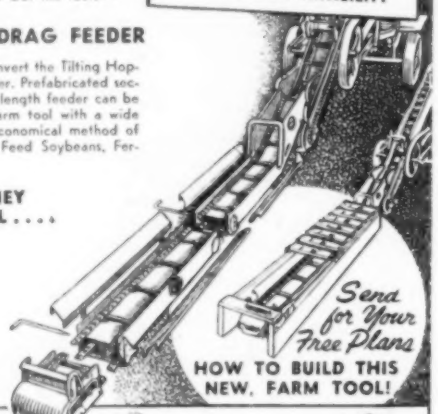

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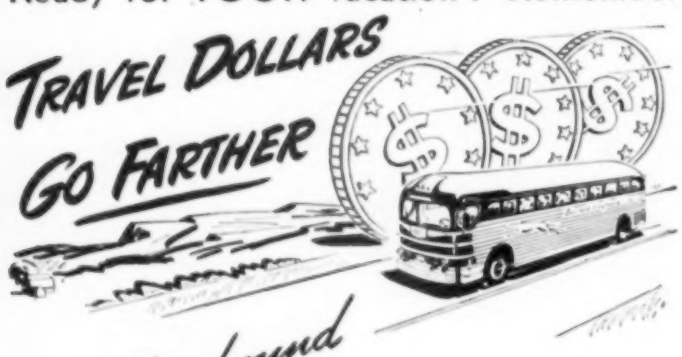

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Nobis Wins At Missouri

JUST as they did at Illinois a week earlier, the Angus entries of J. Garret Tolan Farms, Pleasant Plains, Ill., scored heavily at the Missouri State Fair. However, the Tolan blue ribbon bulls bowed to the Iowa entry of Otto G. Nobis, Davenport, in the championship class.

In addition to his grand champion bull, Bandolier 144th of Wilton, Nobis had the senior champion Angus female. Tolan showed the junior and grand champion female.

Iowa Shorthorns came home with their share of blues and purples, too. George Struve & Sons, Manning, showed their good roan heifer, Miss Gipsy Maid, to the Shorthorn female grand championship, just as they did at Illinois. The Struves also had reserve champion bull.

Holz Bros., of Rippey, had first prize junior and senior heifer calves, as well as the blue ribbon two-year-old heifer and first place summer yearling Shorthorn bull.

The grand champion Shorthorn bull was Millgate Celtic, exhibited by Millgate Farm, Wadsworth, Ill.

Top honors in the Hereford bull classes went to Charles Bianchi, Macon, Mo. Honors for the champion Hereford female went out of the state, to Charles H. Harris, Ft. Worth, Texas.

The Missouri State Fair hog show was well below both Illinois and Iowa in numbers.

C. T. Keen & Sons, of Legrand, Iowa, scored heavily in the Chester White classes, with a number of placings in addition to junior and reserve grand champion boar, reserve junior and reserve senior champion Chester White sow.

Grand champion barrow was exhibited by an FFA boy, Eugene Dowdy, Green Ridge, Mo. The barrow was a Poland China. Grand champion pen of barrows was Durocs, exhibited by Moore Quality Farm, Kirkwood, Mo.

Iowa breeders did not exhibit in the Poland China, Spotted Poland China, Berkshire, Hampshire, Hereford or Duroc hog classes. The Missouri fair overlapped the Iowa fair for three days.

During those three days, Iowa 4-H and FFA boys showed their purebred hogs and market barrows at Des Moines. The open class barrow show was also held then, and many Iowa breeders stayed home for their own market hog show rather than go to Sedalia for the Missouri show.

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Now is the time to feed cheap oats—to make hogs really stretch out and GROW. You don't need corn until the final month. Just oats, and the RIGHT balancer, and you've got a combination hard to beat. And for real results with your oats, there's no supplement like

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FEED SARGENT FEED

SARGENT PLANTS, Des Moines

Monmouth, Ill. Fremont, Nebr.
Waverly, Mo. Algona, Iowa

Missouri provided the Iowa State Fair's champion Hereford bull. He is B. H. R. Reality 2d, from Bianchi Hereford Ranch, Macon, Mo. H. C. Pearson, Indianola, Iowa, showed reserve champion.

Iowa State Fair Awards

Beef Cattle

HEREFORDS

Judge: H. P. Hogan, Breckenridge, Mo.
Exhibitors: Wayne Ahrenstorff, Lake Park, Iowa; Ernest Allen, Melbourne, Iowa; Andras Bros., Manchester, Ill.; Jim Beatty, Chariton, Iowa; Bianchi Hereford Ranch, Macon, Mo.; C. K. Ranch, Brookville, Kan.; Wm. DeBiaggio & Son, Carlisle, Iowa; Edg-Cliff Farms, Potosi, Mo.; Glendale Farms, Story City, Iowa; Harrisdale Farms, Ft. Worth, Texas; Heart of America Hereford Farms, Liberty, Mo.; Jim Hering, McGregor, Texas; Hervdale Farms, Wayne, Neb.; Hillandale Farm, Muscatine, Iowa; Honey Creek Ranch, Grove, Okla.; Chas. Moore, Dyersburg, Tenn.; H. C. Pearson, Indianola, Iowa; Roianne Hereford Farms, Fairfield, Iowa; H. N. P. Small & Son, Letts, Iowa; Walton Thorp, Britton, S. D.; Chas. Warner, Waverly, Neb.; Westhaven Place, Denison, Iowa; Wiley's Cove Ranch, Leslie, Ark.; Windsor Place, Boonville, Mo.; John Wisdom, Des Moines, Iowa; Worner Polled Hereford Farms, San Jose, Ill.; Herman Wurster & Sons, Clearfield, Iowa; Mariam Mae Farley, Elk Horn, Iowa.

Bulls: Two-year-olds (8 shown)—1, Bianchi; 2 and 5, Edg-Cliff; 3, Thorp; 4, Hillandale. Senior yearlings (8 shown)—1 and 3, Thorp; 2 and 4, Wiley's Cove; 5, Windsor Place. Junior yearlings (13 shown)—1 and 3, Pearson; 2, Edg-Cliff; 4, Windsor Place; 5, Bianchi. Summer yearlings (19 shown)—1, Thorp; 2 and 4, Bianchi; 3, Hering; 5, Pearson. Senior calves (16 shown)—1, Thorp; 2, Pearson; 3, Heart of America; 4, Bianchi; 5, Edg-Cliff. Junior calves (5 shown)—1, Edg-Cliff; 2 and 4, Pearson; 3, Hervdale; 5, Hering. Champion bull—Bianchi on B. H. R. Reality 2d (two-year-old); reserve, Pearson on Pearson's Duke 6th (junior yearling). Three bulls (15 shown)—1, Thorp; 2, Bianchi; 3, Pearson; 4, Edg-Cliff; 5, Wiley's Cove. Two bulls (16 shown)—1 and 5, Bianchi; 2, Pearson; 3 and 4 Thorp.

Females: Two-year-olds (15 shown)—1 and 3, Harrisdale; 2, Thorp; 4, Windsor Place; 5, Edg-Cliff. Senior yearlings (12 shown)—1, Windsor Place; 2, Hering; 3, Harrisdale; 4, Thorp; 5, Wisdom. Junior yearlings (23 shown)—1, Pearson; 2, Edg-Cliff; 3, Windsor Place; 4, Farley; 5, Harrisdale. Summer yearlings (19 shown)—1, Windsor Place; 2, Thorp; 3, Bianchi; 4, Pearson; 5, Hervdale. Senior calves (17 shown)—1, Thorp; 2, Pearson; 3, Bianchi; 4, Windsor Place; 5, Edg-Cliff. Junior calves (6 shown)—1, Edg-Cliff; 2, Hering; 3, Westhaven; 4, Hillandale; 5, Warner. Champion female—Harrisdale on Lady Brummel B. 102d (two-year-old); reserve, Pearson on Pearson's Duchess 4th (junior yearling). Two females (20 shown)—1, Harrisdale; 2, Pearson; 3, Thorp; 4, Windsor; 5, Bianchi.

Groups: Get of sire (18 shown)—1, Pearson; 2 and 4, Thorp; 3, Bianchi; 5, Windsor Place. Pair yearlings (13 shown)—1, Pearson; 2, Thorp; 3, Edg-Cliff; 4, Windsor Place; 5, Bianchi. Pair calves (14 shown)—1, Thorp; 2, Edg-Cliff; 3, Pearson; 4, Bianchi; 5, Hering.

SHORTHORNS

Judge: Frank Scofield, Austin, Texas.
Exhibitors: Maurice Berquist, Somers, Iowa; Donald Buck, Clarinda, Iowa; Lloyd Burr & Son, Lone Tree, Iowa; J. A. Colber, Fletcher, Okla.; Dewar Bros., Cherokee, Iowa; Dr. S. A. Donahoe, Sioux Falls, S. D.; Dumar Farms, Des Moines, Iowa; Edellyn Farms, Wilson, Ill.; A. R. Fennern, Garrison, Iowa; Edward Fennern, Garrison, Iowa; J. R. Fleming, Shellrock, Iowa; Held Bros., Hinton, Iowa; Holz Bros., Rippey, Iowa; F. W. Hubbell, Des Moines, Iowa; Gilbert Karstedt, Walcott, Iowa; Leland Kellogg, Coin, Iowa; McCone Bros., Botna, Iowa; Oakdale Farms, Granger, Mo.; Penningroth Bros., Wellman, Iowa; Norman Peterson, Ames, Iowa; Norman Pothast, Spencer, Iowa; C. L. Rees & Sons, Pleasantville, Iowa; Carl Retzlaff & Sons, Elmwood, Neb.; Dean Saunders, Manilla, Iowa; M. W. Smith, Paullina, Iowa; Ben Studer, Wesley, Iowa; Geo. Struve & Sons, Manning, Iowa.

Bulls: Two-year-olds (4 shown)—1, Edellyn; 2 and 3, Collier; 4, Edw. Fennern. Senior yearlings (5 shown)—1, Donahoe; 2, Collier; 3, Dewar; 4, Penningroth; 5, Struve. Junior yearlings (10 shown)—1, Edellyn; 2, Hubbell; 3, McCone; 4, Held; 5, Holz. Summer yearlings (16 shown)—1, Rees; 2, Edellyn; 3, Oakdale; 4, Held; 5, Smith. Senior calves (12 shown)—1, Hubbell; 2 and 3, Edellyn; 4, Collier; 5, Held. Junior calves (7 shown)—1, Edellyn; 2, Oakdale; 3, Rees; 4, Holz; 5, Held. Champion bull—Edellyn on Edellyn All-Star Mercury (junior (yearling); reserve, Donahoe on Gregg Farms Mercury (senior yearling). Three bulls (11 shown)—1 and 3, Edellyn; 2, Hubbell; 4, Donahoe; 5, Collier. Two bulls (12 shown)—1 and 3, Edellyn; 2, Hubbell; 4, Oakdale; 5, Collier.

Females: Two-year-olds (7 shown)—1, Holz; 2 and 3, Struve; 4, Hubbell; 5, Collier. Senior yearlings (7 shown)—1, McCone; 2, Collier; 3 and 4, Struve; 5, Smith. Junior yearlings (23 shown)—1 and 5, Struve; 2, Holz; 3, Hubbell; 4, Edellyn. Summer yearlings (22 shown)—1, Edellyn; 2, Hubbell; 3, Holz; 4, Donahoe; 5, Collier. Senior calves (17 shown)—1, Oakdale; 2, Peterson; 3, Holz; 4, Collier; 5, Hubbell. Junior calves (6 shown)—1, Hubbell; 2, Edellyn; 3, Holz; 4, Collier; 5, Retzlaff. Champion female—Struve on Miss Gipsy Maid (junior yearling); reserve, Holz on Mary Anne 3d (two-year-old). Two females (13 shown): 1, Struve; 2 and 5, Holz; 3 and 4, Edellyn.

Groups: Get of sire (10 shown)—1, Edellyn; 2, Struve; 3, Holz; 4, Hubbell; 5, Donahoe. Pair yearlings (15 shown)—1 and 3, Edellyn; 2, Hubbell; 4, Donahoe; 5, Struve. Pair calves (11 shown)—1, Hubbell; 2 and 4, Edellyn; 3, Oakdale; 5, Collier. Champion pair—Edellyn.

ABERDEEN ANGUS

Judge: J. Garrett Tolan, Pleasant Plains, Ill.
Exhibitors: H. Bartenhagen & Sons, Columbus Jct., Iowa; Bell & Sons, Osceola, Iowa; Ben Bowne, Batavia, Iowa; Martha Jane Bowne, Ottumwa, Iowa; G. C. Caldwell & Son, Humeston, Iowa; Albert Davison, Humeston, Iowa; E. P. Davis, Millerton, Iowa; LaVere Derry, Rippey, Iowa; B. A. Dye, Princeton, Ill.; El-Jon Farms, Rose Hill, Iowa; Goose Creek Farms, Muscatine, Iowa; Greenmere Stock Farm, Green Mountain, Iowa; Dr. H. H. Harris, Battle Creek, Iowa; Johnson Bros., Ida Grove, Iowa; Gage Kent, Muscatine, Iowa; Layton Angus Farm, Walnut, Iowa; H. R. Lazear, Chariton, Iowa; Earl Lohr, Earlham, Iowa; Maryverest Farms, Maloy, Iowa; Harry Meredith, Searsboro, Iowa; Mylan & Hansen, Remsen, Iowa; C. H. Nau & Son, Columbus Jct., Iowa; Otto Nobis, Davenport, Iowa; Penney & James, Hamilton, Mo.; Roy Ritter & Son, Reasnor, Iowa; Rosengrift Stock Farm, Kelley, Iowa; F. L. & C. M. Senter, Maxwell, Iowa; Ben Studer, Wesley, Iowa; Sunflower Farm, Everest, Kan.; Sunset Knoll Farms, Ames, Iowa; C. H. Thompson, Hatfield, Mo.; Timbertop Angus Farms, Rippey, Iowa; Wayland Hopley Farms, Atlantic, Iowa; Garnett West & Sons, Altoona, Iowa; West Woodlawn Farms, Creston, Ill.; Laurence Woolsey, Knoxville, Iowa; Betty Lou Kemp, Marion, Iowa; O & R Farms, Scranton, Iowa.

Bulls: Two-year-olds (7 shown)—1 and 3, Nobis; 2, Penney & James; 4, Kent; 5, Thompson. Senior yearlings (13 shown)—1, Nobis; 2, West Woodlawn; 3, Johnson Bros.; 4, Penney & James; 5, Goose Creek. Junior yearlings (12 shown)—1, West Woodlawn; 2, West; 3, Lazear; 4, Nobis; 5, Dye. Summer yearlings (19 shown)—1, West Woodlawn; 2, West; 3, Nobis; 4, Johnson Bros.; 5, Sunflower. Senior calves (16 shown)—1, Johnson Bros.; 2, West Woodlawn; 3, Nobis; 4, Thompson; 5, El-Jon. Junior calves (13 shown)—1, West Woodlawn; 2, Nobis; 3 and 4, El-Jon; 5, Sunflower. Senior champion bull—Nobis on Bandolier 144th of Wilton (two-year-old); reserve, Penney & James on Homeplace Elleenmere 8th (two-year-old). Junior champion bull—Johnson Bros. on Bessie's Lad 5th of Ida (senior calf); reserve, West Woodlawn on Blackcaper 7th of West Woodlawn (summer yearling). Grand champion bull—Nobis on Bandolier 144th of Wilton. Five bulls (7 shown)—1, Nobis; 2, West Woodlawn; 3, Sunflower; 4, Dye; 5, Hopley. Three bulls (8 shown)—1, Nobis; 2, West Woodlawn; 3, Johnson Bros.;

(Continued on next page)

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Does your milker pull and tug on the cow's udder; or does it, by gentle massage *completely relax* the cow so that she lets the milk down *freely* and *fast? The Low 10-Inch Vacuum* and gentle massage of the new, modern MARLOW MILKER gets the cow's full cooperation because there's *no irritation, no tug, pull, creep or crawl.* The Marlow takes the milk out *FAST*—while the cow is still helping—and gets *MORE* milk, too. The new, *modern, low vacuum* MARLOW MILKER was developed by J. C. Marlow after 40 years of experience breeding purebred dairy cows and selling and servicing milking machines.

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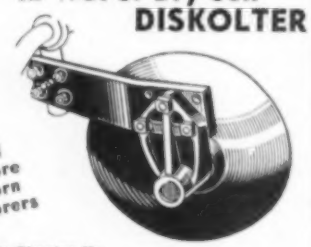

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BUY U. S. SECURITY BONDS

Iowa Breeders gave out-of-staters stiff competition in the State Fair Shorthorn show, but Edellyn Farms, Wilson, Ill., managed to take bull championship on Edellyn All-Star Mercury.

(Continued from previous page)

4, El-Jon; 5, Sunflower. Two bulls (14 shown)—1, Nobis; 2, West Woodlawn; 3, Johnson Bros.; 4, West; 5, El-Jon.

Females: Two-year-olds (17 shown)—1 and 4, Nobis; 2, West Woodlawn; 3, Penney & James; 5, Dye. Senior yearlings (14 shown)—1, West Woodlawn; 2, Penney & James; 3, El-Jon; 4, Nobis; 5, Johnson Bros. Junior yearlings (21 shown)—1, Sunset Knoll; 2, West Woodlawn; 3, Nobis; 4, Dye; 5, Kent. Summer yearlings (15 shown) — 1, West Woodlawn; 2, Kemp; 3, Nobis; 4, Hopley; 5, Dye. Senior calves (16 shown)—1, Johnson Bros.; 2, Sunflower; 3, O & R Farms; 4, Lazear; 5, Ben Bowne. Junior calves (8 shown)—1, Nobis; 2, Sunflower; 3, Ben Bowne; 4, El-Jon; 5, Hopley. Senior champion female—Nobis on Erica Esterella of Wilton (two-year-old); reserve, West Woodlawn on Erica 7th of West Woodlawn (senior yearling). Junior champion female—Sunset Knoll on Barbara 2d of Sunset (junior yearling); reserve, West Woodlawn on Queen 77th of West Woodlawn (summer yearling). Grand champion female—Nobis on Erica Esterella of Wilton. Two females (16 shown)—1, Nobis; 2, West Woodlawn; 3, Penney & James; 4, Johnson Bros.; 5, El-Jon.

Groups: Get of sire (12 shown)—1, Nobis; 2, West Woodlawn; 3, Penney & James; 4, Johnson Bros.; 5, El-Jon. Pair yearlings (11 shown) — 1, West Woodlawn; 2, Nobis; 3, Dye; 4, Sunflower; 5, Thompson. Pair calves (10 shown)—1, Nobis; 2, West Woodlawn; 3, El-Jon; 4, Johnson Bros.; 5, Sunflower. Produce of dam (9 shown)—1 and 3, Nobis; 2, West Woodlawn; 4, Dye; 5, Johnson Bros.

POLLED SHORTHORNS

Judge: Chas. Nickel, Carmel, Ind.

Exhibitors: Alpine Farms, Lexington, Mo.; L. C. Bolson, Decorah, Iowa; Dr. S. A. Donahoe, Sioux Falls, S. D.; R. L. Flamme, Gladbrook, Iowa; Earl Girton, Marshalltown, Iowa; S. B. Hudson & Son, Knoxville, Iowa; Albert Hultine & Sons, Saronville, Neb.; Otto Johnson, Lohrville, Iowa; Smith & Moore, Keokuk, Iowa; Lewis Thieman, Concordia, Mo.; George White, Malvern, Iowa; Clara Wilholte & Sons, Wall Lake, Iowa; G. W. Zinnelard & Sons, Rockwell City, Iowa.

Bulls: Two-year-olds (3 shown)—1, Hultine; 2, Hudson; 3, Zinnelard. Senior yearlings (3 shown)—1, Thieman; 2, Bolson; 3, White. Junior yearlings (3 shown)—1, Johnson; 2, Flamme; 3, Bolson. Summer yearlings (5 shown)—1, Hultine; 2, Flamme; 3, Thieman; 4, Bolson; 5, White. Senior calves (8 shown)—1, Thieman; 2, Hultine; 3 and 5, Girton; 4, Flamme. Junior calves (2 shown)—1, Flamme; 2, White. Champion bull—Thieman on King of the Vanities 50th (senior calf); reserve, Hultine on Collynie Nobleman (two-year-old. Three bulls (4 shown)—1, Hultine; 2, Thieman; 3, Flamme; 4, Bolson. Two bulls (6 shown) — 1, Hultine; 2, Thieman; 3, Girton; 4 and 5, Flamme.

Females: Two-year-olds (3 shown)—1, Hultine; 2, Thieman; 3, Smith & Moore. Senior yearlings (5 shown)—1 and 2, Thieman; 3, Flamme; 4 and 5, Zinnelard. Junior yearlings (7 shown) — 1, Smith & Moore; 2, Hudson; 3 and 5, Flamme; 4, Thieman. Summer yearlings (8 shown)—1, Hultine; 2, Thieman; 3, Smith & Moore; 4, Bolson; 5, Girton. Senior calves (10 shown)—1, Hudson; 2, Thieman; 3, Hultine; 4 and 5, Flamme. Junior calves (2 shown)—1, Flamme; 2, White. Champion female—Thieman on Augusta Coronita 27th (senior yearling); reserve, Hudson on Highland Lavender (senior calf). Two females (10 shown)—1, Thieman; 2, Hultine; 3, Smith & Moore; 4, Flamme; 5, Hudson.

Groups: Get of sire (6 shown)—1, Thieman; 2 and 5, Flamme; 3, Girton; 4, Hudson. Pair yearlings (8 shown)—1, Hultine; 2 and 3, Thieman; 4, Flamme; 5, Bolson. Pair calves (6 shown)—1, Thieman; 2, 4 and 5, Flamme; 3, Girton. Pair any age (6 shown)—1 and 5, Thieman; 2, Hultine; 3, Flamme; 4, Girton.

Dual-Purpose Cattle

MILKING SHORTHORNS

Judge: Jesse Oakley, Signal, Ohio.

Exhibitors: Donald Bachman, Clarence, Iowa; F. J. Bachman, Clarence, Iowa; Broadview Farms, Oskaloosa, Iowa; C. C. Chamberlain, Earlham, Iowa; Clampitt Farms, New Providence, Iowa; Ivan Dickinson, Shellsburg, Iowa; Hillcrest Farms, Center Jct., Iowa; Kingsdale Farms, Victoria, Ill.; Hilmer Larsen, Wallingford, Iowa; Russell McColly & Son, Ankeny, Iowa; McKee Farms, Carlisle, Iowa; Irvin Meyer & Sons, McGregor, Iowa; Mitchell Bros., Reinbeck, Iowa; Mysha Farm, St. Anthony, Iowa; Shady Hill Farm, Polk City, Iowa; Everett Stoll, Chestnut, Ill.; Howard Van Wyngarden, Monroe, Iowa; Mary Lou Van Wyngarden, Monroe, Iowa; Weidner Prairie Farms, Dalton City, Ill.

Bulls: Aged (4 shown)—1, Kingsdale; 2, F. J. Bachman; 3, Mitchell. Two-year-olds (6 shown)—1, Meyer; 2, Mitchell; 3, Chamberlain. Senior yearlings (4 shown)—1, Clampitt; 2, Mitchell; 3, Larsen. Junior yearlings (6 shown)—1, Bachman; 2, Broadview; 3, Chamberlain. Calves (13 shown) — 1, Kingsdale; 2, Clampitt; 3, Chamberlain. Senior and grand champion bull—Kingsdale on Kingsdale Champion (aged). Junior champion bull—Clampitt on Edgewood Arrogance (senior yearling).

Females: Aged (4 shown)—1, Mysha; 2, McColly; 3, Clampitt. Three or four-year-olds (11 shown)—1, Kingsdale; 2, Broadview; 3, McKee. Two-year-olds (12 shown)—1, McKee; 2, Clampitt; 3, Hillcrest. Dry ROM cows, in calf (6 shown)—1, Kingsdale; 2, Clampitt; 3, Mitchell. Senior yearlings (6 shown)—1, Broadview; 2, McKee; 3, Howard Van Wyngarden. Junior yearlings (11 shown)—1, McKee; 2, Clampitt; 3, Broadview. Calves (24 shown)—1, Larsen; 2, McKee; 3, Meyer. Senior and grand champion female—Kingsdale on Redsteon Queen Estes (three-year-old). Junior champion female—McKee on McKee's Lillian (junior yearling). Trio of cows (4 shown)—1, Clampitt; 2, Mysha; 3, McKee. Pair cows (9 shown) — 1, Clampitt; 2, McKee; 3, Mysha.

Groups: Get of sire (7 shown)—1, McKee; 2, Clampitt; 3, Broadview. Graded herds (6 shown) — 1, Kingsdale; 2, McKee; 3, Clampitt. Yearlings herds (5 shown)—1, Clampitt; 2, Broadview; 3, Larsen. Pair calves (8 shown)—1, Kingsdale; 2, McKee; 3, Clampitt.

RED POLLED

Judge: Warren McVey, Lafayette, Ind.

Exhibitors: James Boudreau, Canton, Mo.; L. H. Isaacs, Wheeling, Mo.; Leyh Bros., Sumner, Iowa; H. P. Olson & Sons, Altona, Ill.; Claude Stone & Sons, Windsor, Ill.; A. E. Young, Meadville, Mo.

Bulls: Aged (1 shown)—1, Leyh. Two-year-olds (none shown). Senior yearlings (1 shown)—1, Leyh. Junior yearlings (4 shown)—1 and 3, Olson; 2, Young. Senior calves (4 shown)—1, Olson; 2, Young; 3, Isaacs. Junior calves (2 shown)—1, Olson; 2, Boudreau. Senior champion bull—Leyh on L. L. Muskogee Nate (aged). Junior and grand champion bull—Olson on S. S. Queen's Lad (junior yearling).

Females: Aged (1 shown)—1, Olson. Three or four-year-olds (1 shown)—1, Olson. Two-year-olds (2 shown)—1 and 2, Olson. Senior yearlings (3 shown)—1 and 2, Olson; 3, Leyh. Junior yearlings (3 shown)—1, Olson; 2, Young; 3, Leyh. Senior calves (4 shown)—1, Young; 2, Olson; 3, Isaacs. Junior calves (3 shown)—1, Olson; 2, Young; 3, Boudreau. Senior champion female—Olson on Lillian Hannah (three-year-old). Junior and grand champion female—Olson on Lou's Lassie (senior yearling). Two females (2 shown)—1 and 2, Olson.

Groups: Get of sire (3 shown)—1 and 2, Olson; 3, Leyh. Produce of cow (2 shown)—1 and 2, Olson. Pair yearlings (4 shown)—1 and 3, Olson; 2, Young. Pair calves (6 shown)—1, Young; 2 and 3, Olson.

Breeding Swine

POLAND CHINAS

Judge: W. C. Anderson, West Liberty, Iowa.

Exhibitors: B. F. Anderson & Sons, Botna, Iowa; Oscar Anderson, Leland, Ill.; James Armstrong & Sons, Greenwood, Neb.; Richard Bahr, Alden, Iowa; P. W. Benkema & Sons, Newton, Iowa; Boysen & Boysen, Harlan, Iowa; Walter Busse, Oakland, Iowa; Brown & Brown, Hampton, Iowa; Wm. Carner & Sons, LaMoille, Ill.; C. L. Clark & Sons, LeClaire, Iowa; Geo. Collins & Sons, Jesup, Iowa; Conrad & Randall, Melbourne, Iowa; Dave Dalgety, Manning, Iowa; Dowling & Shaw, Mitchellville, Iowa; Eugene Dugan, Storm Lake, Iowa; Emmert Farm, Mason City, Iowa; Floyd Friedow & Sons, Kanawha, Iowa; O. W. Friedow, Britt, Iowa; Dwight Harrison, Hampton, Iowa; Leo Hay, Anamosa, Iowa; Helgens Bros., Monticello, Iowa; Carl Hirsch, Indianola, Iowa; M. P. Jensen & Son, Exira, Iowa; H. B. Jones, Wapello, Iowa; Jack Koch, Colo, Iowa; Oscar Larson, Clarion, Iowa; Rodney

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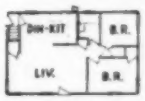

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Reserve grand championship in State Fair baby beef show was won by Vernon Wagler, Davis county, Iowa, on Hereford.

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Boars: Aged (1 shown)—1, Clark; 2, Oscar Larson; 3, Oscar Anderson; 4, Floyd Friedow; 5, Stanek Bros. Senior yearlings (5 shown)—1, Emmert; 2, Dugan; 3, Oscar Larson; 4, Oscar Anderson; 5, Brown & Brown. Junior yearlings (16 shown)—1, Reilly; 2, B. F. Anderson; 3, Dowling & Shaw; 4, Penningroth; 5, Jones. Fall (6 shown)—1, Reilly; 2, Oscar Anderson; 3 and 5, Oscar Larson; 4, Dugan. Senior spring (34 shown)—1, Floyd Friedow; 2, Oscar Larson; 3, B. F. Anderson; 4, Oscar Anderson; 5, Brown & Brown. Junior spring (38 shown)—1, Hirsch; 2, B. F. Anderson; 3, Conrad & Randall; 4, Penningroth; 5, Floyd Friedow. Senior champion boar—Emmert on Maridarin (senior yearling); reserve, Reilly on Advancer (junior yearling). Junior champion boar—Hirsch on Typesetter (junior spring); reserve, B. F. Anderson on Royal King (junior spring). Grand champion boar—Emmert on Maridarin; reserve, Hirsch on Typesetter.

Sows: Aged (6 shown)—1, Oscar Anderson; 2, Collins; 3, Brown & Brown; 4, Oscar Larson; 5, Clark. Senior yearling (11 shown)—1, B. F. Anderson; 2, Brown & Brown; 3 and 4, Oscar Anderson; 5, Oscar Larson. Junior yearling (13 shown)—1, Collins; 2, Oscar Anderson; 3, Dugan; 4, Morgan & Morgan; 5, Floyd Friedow. Fall (12 shown)—1, Oscar Anderson; 2, Dugan; 3, Stanek Bros.; 4, Morgan & Morgan; 5, Oscar Larson. Senior spring (35 shown)—1, Oscar Larson; 2 and 5, Darrell Helgens; 3, Dowing & Shaw; 4, Stanek Bros. Junior spring (43 shown)—1, Oscar Anderson; 2, Penningroth; 3 and 5, B. F. Anderson; 4, Dugan. Senior champion sow—Oscar Anderson on Prestige Lady (aged); reserve, B. F. Anderson on Royal Sue (senior yearling). Junior champion sow—Oscar Larson on Sweet Look (senior spring); reserve, Oscar Anderson on Masterpiece Lady (junior spring). Grand champion sow—Oscar Anderson on Prestige Lady; reserve, Oscar Larson on Sweet Look.

Groups: Young herd (19 shown)—1, Hirsch; 2, Oscar Anderson; 3, Darrell Helgens; 4, Penningroth; 5, B. F. Anderson. Get of sire (17 shown)—1, Hirsch; 2, Oscar Anderson; 3, Darrell Helgens; 4, Penningroth; 5, Busse. Produce of dam (12 shown)—1, Hirsch; 2, Darrell Helgens; 3, Penningroth; 4, Busse; 5, B. F. Anderson. Breeder-feeder litter (5 shown)—1, Collins; 2 and 4, Morton; 3, Meyer; 5, Conrad & Randall.

DUROC JERSEYS

Judge: W. C. Anderson, West Liberty, Iowa.

Exhibitors: Herman Anderson, Des Moines, Iowa; Frank Bence & Son, Altoona, Iowa; Edgar Bigaik, Cresco, Iowa; Oliver Bricker Popcorn Co., Farragut, Iowa; H. M. Christensen, Eagle Grove, Iowa; Francis Christian & Sons, Laporte City, Iowa; Murray Colbert, Montgomery City, Mo.; Gilbert Cooksley, Earlville, Iowa; Wayne Davis, Mahaska, Kan.; Glen Denny, Sigourney, Iowa; Garret Dieleman, Pella, Iowa; Joe Duea, Belmond, Iowa; Sanford Duea, Roland, Iowa; Victor Duea, Roland, Iowa; Fair-View Stock Farms, Ames, Iowa; Fenmar Farms, Orion, Ill.; W. H. Heimke & Son, Renwick, Iowa; Hi-View Farm, Eagle Grove, Iowa; L. T. Holbert, Dayton, Iowa; Esh Hughes, Gilson, Ill.; Iowagold Farm, Woodward, Iowa; Iowana Milk Farms, Bettendorf, Iowa; Ira Johnson & Son, Perry, Iowa; Harry Kime, Cumming, Iowa; Willard Klein, Iowa Falls, Iowa; Richard Lauterbach, Alden, Iowa; Lehmann Farms, Pleasant Plains, Ill.; C. E. Louden & Son, Grinnell, Iowa; Hugh Louden, Grinnell, Iowa; B. C. Marts & Son, Rockwell City, Iowa; Er-

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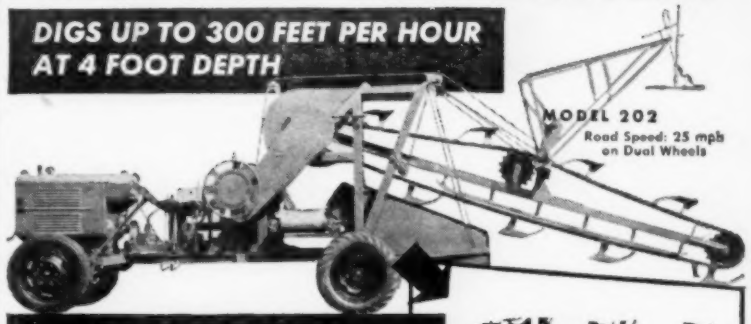

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(Continued from previous page)

nest McDermott, Wiota, Iowa; Robert Mills, Booneville, Iowa; Gerald Nevins, West Liberty, Iowa; New Providence Duroc Breeders, New Providence, Iowa; Pearson's Stock Farm, Radcliffe, Iowa; Corwin Peer, Algona, Iowa; Mrs. J. L. Peppard, Lawson, Mo.; Walter Riebesell, Calumet, Iowa; Jon Rietveld, Collins, Iowa; Delmar Risse, Iowa Falls, Iowa; S. C. Schrage, Eagle Grove, Iowa; John Simpson, Edgerton, Mo.; T. E. Smith, Paton, Iowa; Sunset Knoll Farms, Washington, Iowa; A. B. Thomas & Son, Iowa City, Iowa; John Thompson, Lake City, Iowa; Harold Timm, Muscatine, Iowa; Chas. Troyer & Son, Kinross, Iowa; Urice Bros., Vinton, Iowa; Roy Vander Ploeg, Monroe, Iowa; Gregor Vaske, Dyersville, Iowa; Warrick Bros., Prairie City, Iowa; H. C. Whipple, Cumming, Iowa; Elmer Willey, Vincent, Iowa; Dwight Wood & Son, Tiffin, Iowa; Paul Bros., Dallas Center, Iowa; Rex Beemer, Chapin, Iowa; White Larew & Son, Iowa City, Iowa; John Paulsen, Scotch Grove, Iowa.

Boars: Aged (4 shown)—1, Sunset Knoll; 2, Willey; 3, Riebesell; 4, Christensen. Senior yearlings (2 shown)—1, Marts; 2, Helmke. Junior yearlings (16 shown) — 1, Pearson; 2, Thomas; 3, Hughes; 4, Kime; 5, Bricker. Fall (13 shown)—1, Nevins; 2, Pearson; 3, Kime; 4, Smith; 5, Lehmann. Senior spring (69 shown) — 1 and 4, Pearson; 2, Sunset Knoll; 3, Vaske; 5, White. Junior spring (44 shown)—1, Paul; 2, Mills; 3, Pearson; 4, Beemer; 5, Lehmann. Senior champion boar—Pearson on Style Blender (junior yearling); reserve, Thomas on Kayward Leader (junior yearling). Junior champion boar—Nevins on Zippy (fall); reserve, Paul on Paul's Pride (junior spring). Grand champion boar—Pearson on Style Blender; reserve, Thomas on Kayward Leader.

Sows: Aged (8 shown) — 1, Peppard; 2, McDermott; 3, C. E. Louden; 4, Anderson; 5, Thompson. Senior yearlings (4 shown)—1, Willey; 2, Peppard; 3, Thompson; 4, Iowagold. Junior yearlings (23 shown)—1, Joe Duea; 2, Sanford Duea; 3, New Providence; 4, Iowana; 5, Vaske. Fall (17 shown)—1 and 2, Peppard; 3, Iowagold; 4, Warrick; 5, Sunset Knoll. Senior spring (64 shown)—1, New Providence; 2, Klein; 3, Pearson; 4, Peppard; 5, Vaske. Junior spring (38 shown)—1 and 5, Holbert; 2, Beemer; 3, Pearson; 4, Mills. Senior champion sow—Joe Duea on Spotlight's Pride Miss (junior yearling); reserve, Sanford Duea on Spotlight's Pride Beauty (junior yearling). Junior champion sow—Peppard on Model Beauty (fall); reserve, Holbert on Invincible Lassie (junior spring). Grand champion sow—Joe Duea on Spotlight's Pride Miss; reserve, Peppard on Model Beauty.

Groups: Young herd (23 shown) — 1, Holbert; 2, Pearson; 3, Vaske; 4, Peppard; 5, Nevins. Get of sire (28 shown)—1, Holbert; 2, Vaske; 3, Pearson; 4, Mills; 5, Nevins. Produce of dam (20 shown)—1, Holbert; 2, Vaske; 3, Warrick; 4, Pearson; 5, Sanford Duea. Breeder-feeder litter (10 shown)—1, Troyer; 2, Maulsby; 3, Schrage; 4, Hugh Louden; 5, Joe Duea.

CHESTER WHITES

Judge: Warren Connor, Glidden, Iowa.

Exhibitors: Roy Copp, Glidden, Iowa; Henry Dickinson, Sabula, Iowa; Gordon Engart, Prairie City, Iowa; Marvin Gilbert, Prairie City, Iowa; H. D. Gloecock, West Union, Iowa; Chas. Harrington, DeWitt, Iowa; Herbert Hoover, Oskaloosa, Iowa; Jackson Bros., Hampton, Iowa; Henry Jurgensen, Olin, Iowa; Just-A-Mere Farm, Blanchard, Iowa; C. T. Keen & Son, Legrand, Iowa; Walter Kukkuck, Preston, Iowa; Robt. Lanigan, Fairbanks, Iowa; Leon Linthacum, Ankeny, Iowa; McBride Farms, Panora, Iowa; W. A. McMahon, West Liberty, Iowa; Henry Meyer, Jr., Dewitt, Iowa; Harold Miller, Janesville, Iowa; A. H. Petersen, Denver, Iowa; Ernest Price, Osceola, Iowa; Lawrence Putney, Gladbrook, Iowa; R. A. Riemenschneider, Kingsley, Iowa; Ray Rockafellow & Sons, West Liberty, Iowa; Walter Schminke & Son, Van Horne, Iowa; Seehusen & Jamieson, Center Jct., Iowa; Alfred Sexton & Son, Rockwell City, Iowa; Sherer & Hemphill, Joy, Ill.; Clarence Smith, Jr., Primghar, Iowa; Glenn Smith & Son, Indianola, Iowa; Carl Steenfeldt & Son, Eldora, Iowa; Henry SyWassink & Sons, Muscatine, Iowa; Max Timmons, Prairie City, Iowa; Ted Trowbridge, Marshalltown, Iowa; R. E. Williams & Sons, Iowa City, Iowa; Duane SyWassink, Muscatine, Iowa; Dale Meyer, DeWitt, Iowa.

Boars: Aged (5 shown)—1, Harrington; 2, Seehusen & Jamieson; 3, Keen; 4, Hoover; 5, Jackson Bros. Senior yearlings (5 shown)—1, Keen; 2, Jurgensen; 3, McBride; 4, Copp; 5, Rockafellow. Junior yearlings (15 shown)—1, Riemenschneider; 2, Sherer & Hemphill; 3, Williams; 4, Copp; 5, Petersen. Fall (9 shown)—1, Riemenschneider; 2, Schminke; 3, Copp; 4, Seehusen & Jamieson; 5, Glenn Smith. Senior spring (52 shown)—1, Sherer & Hemphill; 2, McBride; 3, Petersen; 4, Duane SyWassink; 5, Seehusen & Jamieson. Junior spring (3 shown)—1, Schminke; 2, Keen; 3, Williams; 4, Sherer & Hemphill; 5, Harrington. Senior champion boar—Harrington on Remodel (aged); reserve, Keen on Iowa Chief (senior yearling). Junior champion boar—Sherer & Hemphill on Royal Choice (senior spring); reserve, Schminke on Champ Jr. Successor (junior spring). Grand champion boar—Harrington on Remodel; reserve, Keen on Iowa Chief.

Sows: Aged (8 shown)—1, Copp; 2, Jurgensen; 3, McBride; 4, Schminke; 5, Keen. Senior yearlings (6 shown)—1, Keen; 2, Copp; 3, Glenn Smith; 4, Jurgensen; 5, Williams. Junior yearlings (13 shown)—1, Henry Meyer; 2, Schminke; 3, Keen; 4, Williams; 5, Dale Meyer. Fall (15 shown)—1 and 5, Seehusen & Jamieson; 2, Copp; 3, Schminke; 4, Glenn Smith. Senior spring (55 shown)—1, Sherer & Hemphill; 2, Seehusen & Jamieson; 3, Lanigan; 4, Just-A-Mere; 5, Keen. Junior spring (32 shown)—1, Sherer & Hemphill; 2, Keen; 3, Riemenschneider; 4, Williams; 5, Duane SyWassink. Senior champion sow—Copp on Autumn Maid (aged); reserve, Keen on Perfection Miss (senior yearling). Junior champion sow—Sherer & Hemphill on Champ's Delia (junior spring); reserve, Keen on Sue Girl (junior spring). Grand champion sow — Copp on Autumn Maid; reserve, Keen on Perfection Miss.

Groups: Young herd (22 shown)—1, Sherer & Hemphill; 2, Seehusen & Jamieson; 3, McBride; 4, Keen; 5, Duane SyWassink. Get of sire (25 shown)—1, Sherer & Hemphill; 2, Seehusen & Jamieson; 3, Keen; 4, McBride; 5, Duane SyWassink. Produce of dam (23 shown)—1, Keen; 2, McBride; 3, Duane SyWassink; 4, Williams; 5, Copp. Breeder-feeder litter (13 shown)—1, Keen; 2, Seehusen & Jamieson; 3, Williams; 4, Just-A-Mere; 5, Rockafellow.

SPOTTED POLAND CHINAS

Judge: A. L. Anderson, Ames, Iowa.

Exhibitors: A. J. Anderson & Sons, Kellogg, Iowa; Carroll Anderson, Kellogg, Iowa; John Claussen & Sons, Davenport, Iowa; Wayne Davis, Mahaska, Kan.; Leland Dellinger, Shell Rock, Iowa; Fitzgerald Bros., Boone, Iowa; Forrest Green, Orient, Iowa; R. W. Harsell & Son, Indianola, Iowa; Paul Hornbaker, Adel, Iowa; John Heemstra, Lucas, Iowa; Vernon Irlbeck, Templeton, Iowa; W. E. Irlbeck, Tennyson, Iowa; Joe Jenness, Clive, Iowa; Earl Kellogg & Sons, Winfield, Iowa; Vergil Kerns, Des Moines, Iowa; O. H. Kersten, Dyersville, Iowa; Glenn Lister, Bloomfield, Iowa; Hubert Lister, Bloomfield, Iowa; L. Lister, Bloomfield, Iowa; Kathryn Lister, Bloomfield, Iowa; Keith Lister, Bloomfield, Iowa; McElroy Bros., Afton, Iowa; Mapleleaf Farms, Chapin, Iowa; Jim Nelson & Sons, Boone, Iowa; Kenneth Norris, Bayville, Mo.; Eugene Ralph, Missouri Valley, Iowa; R. G. Shaver, Kalona, Iowa; T. A. Swafford & Son, Bronaugh, Mo.; J. W. Triggs & Sons, Mt. Ayr, Iowa; Bob Walters, Eldora, Iowa; B. Wilson, St. Charles, Iowa; Walter Woodyard & Son, Indianola, Iowa; Charles Bros., Prairie City, Iowa; Charles Hornbaker, Dallas Center, Iowa; Sam Hornbaker, Dallas Center, Iowa; Lawrence Meyer, Ackley, Iowa; Eugene Moninger, Lorimor, Iowa; Marvin Triggs, Mt. Ayr, Iowa.

Boars: Aged (4 shown)—1, Mapleleaf; 2, Heemstra; 3, Wilson. Senior yearlings (2 shown)—1, Wilson; 2, Ralph. Junior yearlings (8 shown)—1, A. J. Anderson; 2, Davis; 3, Charles Hornbaker; 4, Claussen; 5, Meyer. Fall (11 shown)—1 and 4, A. J. Anderson; 3, Davis; 4, Ralph, Woodyard. Senior spring (37 shown)—1, Davis; 2, Kellogg; 3 and 5, A. J. Anderson; 4, Dellinger. Junior spring (5 shown)—1 and 5, Carroll Anderson; 2 and 4, Kellogg; 3, L. C. Lister. Senior champion boar—Mapleleaf on Skippy (aged); reserve, Wilson on Diamond Prince (senior yearling). Junior champion boar—A. J. Anderson on Flashie Lad (fall); reserve, Davis on Nameplate (senior spring). Grand champion boar—Mapleleaf on Skippy; reserve, A. J. Anderson on Flashie Lad.

Sows: Aged (10 shown)—1, Davis; 2, Fitzgerald; 3, Mapleleaf; 4, Mountain; 5,

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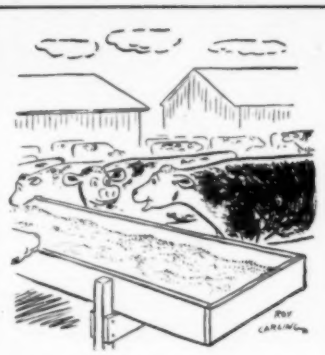

"Chicago must be a wonderful place — everyone I know that ever went there has never come back."

Swafford. Senior yearlings (12 shown)—1, I. C. Lister; 2, Swafford; 3 and 4, Claussen; 5, Shaver. Junior yearlings (17 shown)—1, I. C. Lister; 2, W. E. Irlbeck; 3, Woodyard; 4 and 5, Davis. Fall (18 shown)—1, Hansell; 2, Davis; 3 and 4, Vernon Irlbeck; 5, A. J. Anderson. Senior spring (35 shown)—1 and 3, A. J. Anderson; 2 and 4, Davis; 5, Sam Hawbaker. Junior spring (37 shown)—1 and 2, Carroll Anderson; 3, I. C. Lister; 4, Paul Hawbaker; 5, A. J. Anderson. Senior champion sow—I. C. Lister on Prince's Diamond II (senior yearling); reserve, Davis on Lady Security (aged). Junior champion sow—Hansell on Princess Bess (fall); reserve, A. J. Anderson on Beauty Girl (senior spring). Grand champion sow—I. C. Lister on Prince's Diamond II; reserve, Hansell on Princess Bess.

Groups: Young herd (22 shown)—1, A. J. Anderson; 2, Carroll Anderson; 3 and 5, Davis; 4, I. C. Lister. Get of sire 25 shown)—1, Carroll Anderson; 2, A. J. Anderson; 3, Davis; 4, Swafford; 5, Vernon Irlbeck. Produce of dam (25 shown)—1, Carroll Anderson; 2, A. J. Anderson; 3, Marvin Triggs; 4, Swafford; 5, Vernon Irlbeck. Breeder-feeder litter (6 shown)—1, Dellinger; 2 and 5, Davis; 3, Marvin Triggs; 4, Churchill.

HAMPSHIRES

Judge: Leon J. Frantz, Grand Junction, Iowa.

Exhibitors: R. J. Boles & Sons, Milford, Iowa; E. R. Brenneman, Wayland, Iowa; Richard Brenneman, Wayland, Iowa; Lyle Clinton, Sac City, Iowa; Raymond Daggett, Conrad, Iowa; James Dunn, Wyman, Iowa; Emerald Stock Farm, Grimes, Iowa; Evergreen Stock Farm, Redfield, Iowa; Harold Fischer, Burt, Iowa; J. R. Fleming, Gladbrook, Iowa; Fruehauf Farms, Cedar Rapids, Iowa; Hanson Bros., Thor, Iowa; Healy & Einfeldt, Wilton Jct., Iowa; Willis Hennings, Van Horne, Iowa; Hillsdale Farm, Brookings, S. D.; Kenclair Hereford Farm, Auburn, Iowa; H. A. Kleemeier, Rockwell City, Iowa; Allen Lang & Son, Brooklyn, Iowa; Lettow Bros., Alden, Iowa; Robt. Lewis, Correctionville, Iowa; David McCartney, Hoskins, Iowa; Harley Meeker, Mediapolis, Iowa; Victor Mueller, Lone Tree, Iowa; Jay Norris, Fremont, Iowa; Lee Norris, Fremont, Iowa; Lawrence Putney Farms, Gladbrook, Iowa; Emery Riemenschneider, Pierson, Iowa; Smylie & Robertson, Columbus Jct., Iowa; Howard Soorholtz, Melbourne, Iowa; M. F. Spear, Hampton, Iowa; Andrew Steenholk, Prairie City, Iowa; Maurice Weitz, Webster City, Iowa; John Soorholtz, Melbourne, Iowa; W. F. Short, Jr., Adel, Iowa.

Boars: Aged (5 shown)—1, Hillsdale; 2, Lang; 3, Dunn; 4, Lettow; 5, Kleemeier. Senior yearlings (1 shown)—1, Clinton. Junior yearlings (11 shown)—1, Fruehauf; 2, Lettow; 3, Daggett; 4, Dunn; 5, E. R. Brenneman. Fall (14 shown)—1, Lang; 2, Dunn; 3, Emerald; 4, Lettow; 5, Kleemeier. Senior spring (36 shown)—1, Lang; 2, Fruehauf; 3, Weitz; 4, Riemenschneider; 5, E. R. Brenneman. Junior spring (21 shown)—1 and 4, Lang; 2 and 5, Daggett; 3, Fruehauf. Senior champion boar—Fruehauf on Perfection (junior yearling); reserve, Hillsdale on Mid Win (aged). Junior champion boar—Lang on Elation (junior spring); reserve, Lang on First Choice (senior spring). Grand champion boar—Fruehauf on Perfection; reserve, Hillsdale on Mid Win.

Sows: Aged (21 shown)—1, Fruehauf; 2, Daggett; 3, Lettow; 4, Putney; 5, Kleemeier. Senior yearlings (9 shown)—1, Weitz; 2, Kleemeier; 3, Fruehauf; 4, Lettow; 5, Boles. Junior yearlings (11 shown)—1 Fruehauf; 2 and 3, Lettow; 4, Weitz; 5, Putney. Fall (16 shown)—1, Fruehauf; 2 and 4, Kenclair; 3, Putney; 5, Dunn. Senior spring (40 shown)—1, E. R. Brenneman; 2, Riemenschneider; 3 and 5, Lettow; 4, Emerald. Junior spring (20 shown) — 1 and 4, Riemenschneider; 2, Emerald; 3 and 5, Lang. Senior champion sow—Weitz on Perfect Style (senior yearling); reserve, Kleemeier on Ideal Model Diana 1st (senior yearling). Junior champion sow—E. R. Brenneman on Modern Lary Rose (senior spring); reserve, Fruehauf on Beautiful Lady (fall). Grand champion sow—Weitz on Perfect Style; reserve, Kleemeier on Ideal Model Diana 1st.

Groups: Young herd (19 shown)—1 and 5, Lang; 2, Riemenschneider; 3, Fruehauf; 4, Fischer. Get of sire (24 shown)—1 and 3, Lang; 2, Riemenschneider; 4, Fischer; 5, Weitz. Produce of dam (24 shown)—1, Lang; 2, Riemenschneider; 3, Lettow; 4, Fruehauf; 5, Emerald. Breeder-feeder litter (8 shown)—1, Lang; 2, Lettow; 3, Richard Brenneman; 4, John Soorholtz; 5, Short.

HEREFORDS

Judge: A. L. Anderson, Ames, Iowa.

Exhibitors: Chas. Booz & Son, Portis, Kan.; O. O. Brannan, Tina, Mo.; Wendell Butler, Lacona, Iowa; Doyle Butler, Lacona, Iowa; Janice Clark, Lacona, Iowa; Joan Clark, Lacona, Iowa; Glen Dale Farms, Story City, Iowa; Hatten

(Continued on next page)

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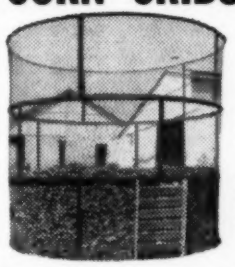

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The boy started eating. "Mither's is better," he said, when he'd finished.

Outside, the Scotsman slipped the boy a quarter.

The boy stared glumly at the quarter. "Thot was a real whopper I told for you this time, father," he said. "I'm thinkin' I deserve a raise."

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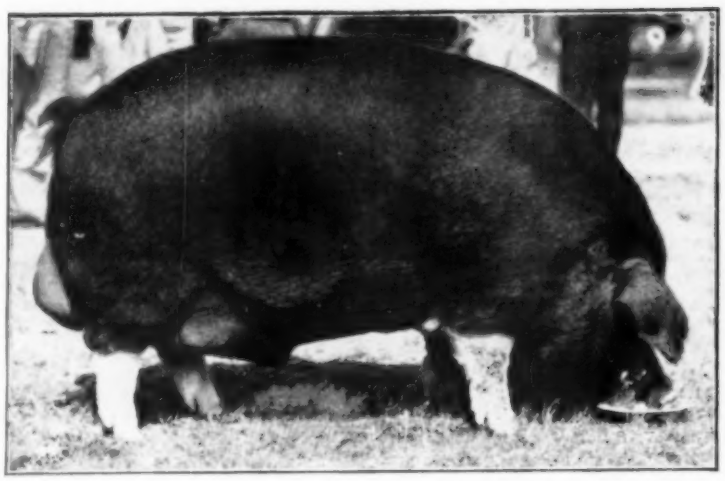

Grand Champion Poland boar in the Iowa State Fair open swine show was Maridarin, a senior yearling from Enimert Farm, Mason City, Iowa. Carl Hirsch, Indianola, had reserve.

(Continued from previous page)

Hereford Hog Farms, Marshalltown, Iowa; Harold Henderson, Wiota, Iowa; H. A. Leonard, Lacona, Iowa; Bert Lyon, Sac City, Iowa; George Mackey, Story City, Iowa; Russell Price, Laurel, Iowa; John Schulte & Sons, Norway, Iowa; Sellers Bros., Charlton, Iowa; Donald Stanley, Lacona, Iowa; Floyd Strupp, Sigourney, Iowa; Lorenz Tanzberger, Tipton, Mo.; Wm. Wiebe, DeWitt, Neb.; Monroe Yoder, Kalona, Iowa; Dan Goeldner, Sigourney, Iowa.

Boars: Aged (5 shown)—1, Schulte; 2, Leonard; 3, Booz; 4, Brannan; 5, Goeldner. Senior yearling (1 shown)—1, Hatten. Junior yearling (6 shown)—1, Booz; 2, Wiebe; 3, Wendell Butler; 4, Hatten; 5, Brannan. Fall (9 shown)—1, Glen Dale; 2 and 3, Schulte; 4, Wendell Butler; 5, Hatten. Senior spring (12 shown)—1, Sellers; 2 and 5, Booz; 3 and 4, Henderson. Junior spring (5 shown)—1, Schulte; 2, Wendell Butler; 3, Mackey; 4, Hatten; 5, Booz. Senior champion boar—Hatten on Prize Goods Jr. (senior yearling); reserve, Booz on Fashion Boy (junior yearling). Junior champion boar—Glen Dale on Senator from Missouri (fall); reserve, Schulte on PVF Adv. Jasper (fall). Grand champion boar—Hatten on Prize Goods Jr.; reserve, Booz on Fashion Boy.

Sows: Aged (6 shown) — 1 and 2, Schulte; 3, Booz; 4, Brannan; 5, Glen Dale. Senior yearling (6 shown)—1, Glen Dale; 2, Lyon; 3 and 4, Schulte; 5, Booz. Junior yearling (19 shown)—1 and 2, Booz; 3, Sellers; 4, Tanzberger; 5, Schulte. Fall (18 shown)—1, Lyon; 2 and 3, Booz; 4, Sellers; 5, Schulte. Senior spring (12 shown)—1 and 2, Sellers; 3, Wendell Butler; 4, Henderson; 5, Booz. Junior spring (21 shown)—1, Hatten; 2, Joan Clark; 3, Janice Clark; 4, Schulte; 5, Glen Dale. Senior champion sow—Booz on Oak Dale Queen II (junior yearling); reserve, Glen Dale on Glen Dale Queen (senior yearling). Junior champion sow—Lyon on Miss New Look (fall); reserve, Booz on Oak Dale Beauty I (fall). Grand champion sow—Booz on Oak Dale Queen II; reserve, Lyon on Miss New Look.

Groups: Young herd (12 shown)—1, Sellers; 2, Booz; 3, Lyon; 4, Schulte; 5, Glen Dale. Get of sire (10 shown)—1, Sellers; 2, Booz; 3, Lyon; 4, Schulte; 5, Henderson. Produce of dam (10 shown)—1, Sellers; 2, Schulte; 3, Henderson; 4, Hatten; 5, Yoder. Breeder-feeder litter (7 shown)—1, Henderson; 2, Brannan; 3, Booz; 4, Schulte; 5, Mackey.

BERKSHIRES

Judge: Harold Wehrman, Belle Plaine, Iowa.

Exhibitors: Bonnie Acres Farm, Holstein, Iowa; W. W. Branigan, Pocahontas, Iowa; Douglas Busse, Elk Point, S. D.; Coolley & Smith, Brocton, Ill.; Robt. Cunningham, Bode, Iowa; H. W. Dennis, Ruthven, Iowa; Annette Fitz, Melbourne, Iowa; Eugene Fitz, Melbourne, Iowa; Robt. Hale, Des Moines, Iowa; Edward Hallman, Malcom, Iowa; Donald Herren, Macksburg, Iowa; Hi-View Farm, Eagle Grove, Iowa; Gerald Hildebrand, Greene, Iowa; Kermit Hougen, Radcliffe, Iowa; Delmar Jensen, Emmetsburg, Iowa; Albert Jones, Winterset, Iowa; Alfred Koopman & Sons, Van Horne, Iowa; Robt. Neese, Collins, Iowa; Tony Schmidt, Delhi, Iowa; Stanley Swift, Gilman, Iowa; LaRue Tice, Shelbyville, Ill.; Milo Wolrab, Mt. Vernon, Iowa; O. C. Willcox, Earlham, Iowa; W. H. Zeisness & Son, Colo, Iowa; Herbert & Connie Lettow, Alden, Iowa.

Boars: Aged (8 shown)—1, Hi-View; 2, Hildebrand; 3, Hougen; 4, Willcox; 5, Zeisness. Senior yearlings (2 shown)—1, Koopman; 2, Branigan. Junior yearlings (6 shown)—1, Rice; 2, Coolley & Smith; 3, Hi-View; 4, Zeisness; 5, Hougen. Fall (15 shown)—1 and 2, Eugene Fitz; 3, Hi-View; 4, Wolrab; 5, Bonnie Acres. Senior spring (21 shown)—1 and 3, Jensen; 2, Annette Fitz; 4, Hougen; 5, Eugene Fitz. Junior spring (21 shown)—1, Coolley & Smith; 2, Wolrab; 3, Bonnie Acres; 4, Eugene Fitz; 5, Zeisness. Senior champion boar—Tice on Grenadier Command (junior yearling); reserve, Hi-View on Goodenough (aged). Junior champion boar—Eugene Fitz on Maple Grove Critic 5th (fall); reserve, Jensen on Ford-Del Berk King 3d (senior spring). Grand champion boar—Eugene Fitz on Maple Grove Critic 5th; reserve, Tice on Grenadier Command.

Sows: Aged (8 shown)—1 and 3, Hi-View; 2, Coolley & Smith; 4, Wolrab; 5, Zeisness. Senior yearlings (7 shown)—1, Hi-View; 2, Wolrab; 3, Hougen; 4 and 5, Bonnie Acres. Junior yearlings (14 shown)—1, Bonnie Acres; 2, Tice; 3, Schmidt; 4 and 5, Coolley & Smith. Fall (18 shown)—1, Bonnie Acres; 2, Coolley & Smith; 3, Willcox; 4, Hi-View; 5, Jensen. Senior spring (25 shown)—1, Annette Fitz; 2, Jensen; 3, Eugene Fitz; 4, Lettow; 5, Wolrab. Junior spring (24 shown)—1, Bonnie Acres; 2, Annette Fitz; 3, Eugene Fitz; 4, Wolrab; 5, Hi-View. Senior champion sow—Bonnie Acres on C. C. V. Golden Lady 9th (junior yearling); reserve, Hi-View on Wildfire Scotanne (aged). Junior champion sow—Bonnie Acres on Bonnie Acres Rose Ann 2d (fall); reserve, Annette Fitz on Maple Grove Model 26th (senior spring). Grand champion sow—Bonnie Acres on C. C. V. Golden Lady 9th; reserve, Hi-View on Wildfire Scotanne.

Groups Young herd (14 shown)—1, Eugene Fitz; 2, Jensen; 3, Annette Fitz; 4, Bonnie Acres; 5, Coolley & Smith. Get of sire (16 shown)—1, Eugene Fitz; 2, Jensen; 3, Wolrab; 4, Bonnie Acres; 5, Lettow. Produce of dam (16 shown)—1, Eugene Fitz; 2, Jensen; 3, Wolrab; 4, Bonnie Acres; 5, Lettow. Breeder-feeder litter (6 shown)—1, Jensen; 2, Hougen; 3, Bonnie Acres; 4, Lettow; 5, Zeisness.

TAMWORTHS

Judge: E. L. Quaife, Ames, Iowa.

Exhibitors: J. H. Jones, Ainsworth, Iowa; Kaufman & Kaufman, Hillsdale, Ind.; National Livestock Exchange, Colfax, Iowa; Dr. F. R. Smithson, Russellville, Ind.; R. H. Waltz & Sons, Hagerstown, Ind.

Boars: Aged (1 shown) —1, Jones. Senior yearling (none shown). Junior yearling (1 shown)—1, Jones. Fall (none shown). Senior spring (3 shown)—1 and 2, Jones; 3, Waltz. Junior spring (3 shown)—1, National; 2 and 3, Jones. Senior and grand champion boar—Jones on Cap X. Junior champion boar—National on Colfax Lad.

Sows: Aged (3 shown)—1, National; 2, Jones; 3, Waltz. Senior yearling (1 shown)—1, Waltz. Junior yearling (none shown). Fall (1 shown)—1, Jones. Senior spring (1 shown)—1 and 3, Jones; 2, Waltz. Junior spring (3 shown)—1 and 3, Jones; 2, National. Senior and grand champion sow—National on Missouri Maid XI. Junior champion sow—Jones on Lu's Pride II.

Groups: Young herd (2 shown)—1, Jones; 2, Waltz. Get of sire (3 shown)—1, Jones; 2, National; 3, Waltz. Produce of dam (2 shown)—1, Jones; 2, Waltz.

Market Barrows

Judges: Allen Nash, Cedar Rapids, Iowa; H. M. Meneough, Grimes, Iowa; A. L. Anderson, Ames, Iowa.

Poland Chinas: Barrows, under 210 (21 shown)—1, Carl Hirsch, Indianola; 2, Galen Helgens, Monticello; 3, Eugene Berg, Eagle Grove; 4, Richard Halstead, West Union; 5, Wilmer Mooney, Sac City. Barrows, 210 to 270 (4 shown)—1, Richard Halstead; 2, Galen Helgens; 3, Eugene Berg; 4, Leroy Watts, Clarion. Champion barrow — Halstead. Pens, under 210 (8 shown)—1, Carl Hirsch; 2, Stanley Randall, Melbourne; 3, Wilmer Mooney; 4, Brown & Brown, Hampton; 5, Wendell Meyer, Iowa Falls. Pens, 210 to 270 (1 shown)—1, Galen Helgens. Champion pen—Galen Helgens.

Durocs: Barrows, under 210 (13 shown)—1 and 2, Knotek Bros., Riverside; 3, Harold Timm, Muscatine; 4, Irvin Maulsby & Sons, Rockwell City; 5, Winter Bros., West Union. Barrows, 210 to 270 (23 shown)—1, Charles Troyer & Son, Kinross; 2, Harold Timm; 3, Knotek Bros.; 4, S. C. Schrage, Eagle Grove; 5, Hugh Louden, Grinnell. Champion barrow Knotek Bros. Pens, under 210 (5 shown)—1, Knotek Bros.; 2, Irvin Maulsby & Sons; 3, Fairview Stock Farm, Ames; 4, Strong Bros., Elgin; 5, Winter Bros. Pens, 210 to 270 (6 shown)—1, Knotek Bros.; 2, Harold Timm; 3, Hugh Louden; 4, Fairview Stock Farm; 5, Dwight Nelson, Boone. Champion pen—Knotek Bros.

Chester Whites: Barrows, under 210 (24 shown)—1, Wayne Glasnapp, Lytton; 2, Seehusen & Jamieson, Center Jct.; 3, Clarence Smith, Primghar; 4, Henry SyWassink & Sons, Muscatine; 5, Alfred Sexton & Son, Rockwell City. Barrows, 210 to 270 (11 shown)—1 and 3, C. T. Keen & Sons, Legrand; 2, R. E. Williams & Sons, Iowa City; 4, Henry SyWassink; 5, Arthur Hansen, Brayton. Champion barrow—C. T. Keen & Sons. Pens, under 210 (7 shown)—1, Just-A-Mere Farm, Blanchard; 2, Clarence Smith; 3, Wayne Glasnapp; 4, Seehusen & Jamieson; 5, Henry SyWassink. Pens, 210 to 270 (5 shown)—1, C. T. Keen; 2, R. E. Williams; 3, Ted Trowbridge, Marshalltown; 4, Arthur Hansen; 5, Earl Winter, West Union. Champion pen — Just-A-Mere Farm.

Spotted Poland Chinas: Barrows, under 210 (9 shown)—1 and 2, W. E. Irlbeck, Templeton; 3, Richard Thompson, Newhall; 4, Walter Woodyard & Son, Indianola; 5, Eldon Stall, Waukee. Barrows, 210 to 270 (6 shown)—1, Leland Dellinger, Shell Rock; 2 and 3, Ernest Eysink, Sully; 4, Churchill Bros., Prairie City; 5, W. E. Irlbeck. Champion barrow—Leland Dellinger. Pens, under 210 (3 shown)—1, W. E. Irlbeck; 2, George Lauer, West Union; 3, Walter Wood-

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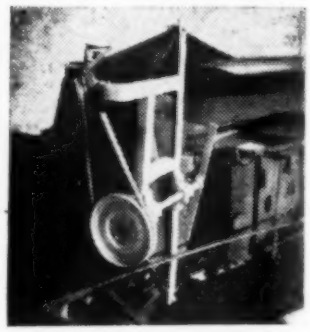

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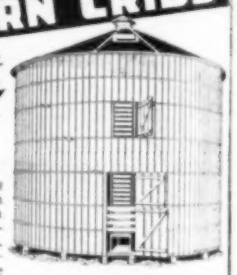

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yard. Pens, 210 to 270 (2 shown)—1, Ernest Eysink; 2, W. E. Irlbeck. Champion pen—W. E. Irlbeck.

Hampshires: Barrows, under 210 (12 shown)—1 and 3, Allen Lang & Son, Brooklyn; 2, Robert Einfeldt, Muscatine; 4, Henderson Farm, Coin; 5, Norbert Vorrie, Eagle Grove. Barrows, 210 to 270 (6 shown)—1 and 2, Allen Lang; 3 and 4, John Soorholtz, Melbourne; 5, W. F. Short, Adel. Champion barrow — Allen Lang & Son. Pens, under 210 (4 shown)—1, Allen Lang; 2, Henderson Farm; 3, John Soorholtz, 4, Norbert Vorrie. Pens, 210 to 270 (1 shown)—1, Allen Lang. Champion pen—Allen Lang & Son.

Berkshires: Barrows, under 210 (14 shown)—1, Hi-View Farm, Eagle Grove; 2 and 4, Larry Herbold, Colfax; 3, S. H. Zeisness & Son, Colo; 5, Bonnie Acres Farm, Holstein. Barrows, 210 to 270 (5 shown)—1, Hi-View Farm; 2, Delmar Jensen, Emmetsburg; 3, Bonnie Acres Farm; 4 and 5, Kermit Hougen, Radcliffe. Champion barrow—Hi-View Farm. Pens, under 210 (4 shown)—1, Hi-View Farm; 2, W. H. Zeisness; 3, Bonnie Acres Farm; 4, Kermit Hougen. Pens, 210 to 270 (1 shown)—1, Kermit Hougen. Champion pen—Hi-View Farm.

Herefords: Barrows, under 210 (7 shown)—1 and 2, Dan Goeldner, Sigourney; 3, John Schulte & Sons, Norway; 4, Walter Henderson, Wiota; 5, George Mackey, Story City. Barrows, 210 to 270 (6 shown)—1 and 3, Sellers Bros., Chariton; 2 and 4, John Schulte; 5, Walter Henderson. Champion barrow — Sellers Bros. Pens, under 210 (3 shown)—1, Dan Goeldner; 2, John Schulte; 3, George Mackey. Pens, 210 to 270 (2 shown)—1, Sellers Bros.; 2, John Schulte. Champion pen—Dan Goeldner.

Crossbreds: Barrows, under 210 (26 shown)—1, Carroll Jacobsen, Roland; 2, W. F. Short, Adel; 3, Orin Halgrim, Eagle Grove; 4, Lin Heiller, Melvin; 5, Knotek Bros., Riverside. Barrows, 210 to 270 (11 shown) — 1 and 3, Bernard Maier, Eagle Grove; 2, Lin Heiller; 4, Lester Steffins, West Union; 5, E. O. Herbold, Colfax. Champion barrow — Bernard Maier. Pens, under 210 (12 shown)—1, Carroll Jacobsen; 2, Knotek Bros., Riverside; 3 and 4, Orin Halgrim; 5, Harold Schmeppe, Eagle Grove. Pens, 210 to 270 (2 shown) — 1, Bernard Maier; 2, W. F. Short. Champion pen—Carroll Jacobson.

Champions: Champion barrow, under 210—Hi-View Farm, Eagle Grove (Berkshire); reserve, Carl Hirsch, Indianola (Poland China). Champion barrow, 210 to 270—C. T. Keen & Sons, Legrand (Chester White); reserve, Richard Halstead, West Union (Poland China). Grand champion barrow — Hi-View Farm; reserve, C. T. Keen & Sons. Champion pen, under 210—Hi-View Farm (Berkshires); reserve, Just-A-Mere Farm, Blanchard (Chester Whites). Champion pen, 210 to 270—Galen Helgens, Monticello (Poland Chinas); reserve, Knotek Bros., Riverside (Duroes). Grand champion pen—Hi-View Farm; reserve, Galen Helgens.

Dairy Cattle

HOLSTEINS

Judge: H. A. Herman, Columbia, Mo.

Exhibitors: Fred and Richard Bruene, Gladbrook, Iowa; Clyman Farms, Watertown, Wis.; Doblhaft Holstein Farms, Delta, Iowa; Eastern Iowa Artificial Breeding Assn., Cedar Rapids, Iowa; Giles Bros., West Des Moines, Iowa; Henry County Home, Mt. Pleasant, Iowa; Kiger & Bollerup, Mt. Pleasant, Iowa; Chas. Manahan, Vinton, Iowa; Mancryco Farms, Manning, Iowa; Maytag Dairy Farms, Newton, Iowa; C. H. Miller & Son, Clarion, Iowa; Maurice Moffitt, Colfax, Iowa; Geo. Mueller & Son, Lone Tree, Iowa; Alfred Paper & Sons, Stockton, Iowa; W. F. Poorman, Des Moines, Iowa; Don and Nelson Rehder, Gladbrook, Iowa; Spies & Lein, Graettinger, Iowa; R. J. Tweedy, Mt. Pleasant, Iowa; Warren & Troyer, Iowa City, Iowa; Claude Wylam & Sons, Waverly, Iowa; John Wetherbee, Marshalltown, Iowa.

Bulls: Calves (17 shown)—1 and 2, Maytag; 3 and 5, Clyman; 4, Rehder. Junior yearlings (7 shown)—1, Clyman; 2, Rehder; 3, Maytag; 4, Mancryco; 5, Miller. Senior yearlings (5 shown)—1, Spies & Lein; 2, Rehder; 3, Warren & Troyer; 4, Clyman; 5, Giles. Two-year-olds (4 shown)—1, Maytag; 2, Clyman; 3, Miller; 4, Giles. Three-year-olds (3 shown)—1, Maytag; 2, Rehder; 3, Tweedy. Senior and grand champion bull—Maytag on Maytag Dictator Fobes Model (two-year-old). Junior champion bull—Spies & Lein on Linnwood Dictator Prince (senior yearling).

Females: Cows judged on udder alone (17 shown)—1 and 4, Clyman; 2 and 3, Maytag; 5, Rehder. Calves (31 shown)—1, 3 and 5, Clyman; 2, Maytag; 4, Mancryco. Junior yearlings (10 shown)—1, Maytag; 2 and 3, Clyman; 4, Dobihaft; 5, Paper. Senior yearlings (20 shown)—1 and 3, Maytag; 2, Clyman; 4, Wetherbee; 5, Rehder. Two-year-olds (12 shown)—1, Maytag; 2 and 3, Clyman; 4, Mancryco; 5, Kiger & Bollerup. Three-year-olds (10 shown)—1, Maytag; 2, Clyman; 3, Spies

(Continued on next page)

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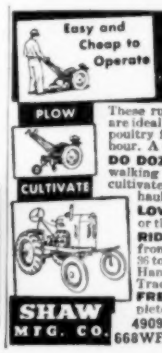

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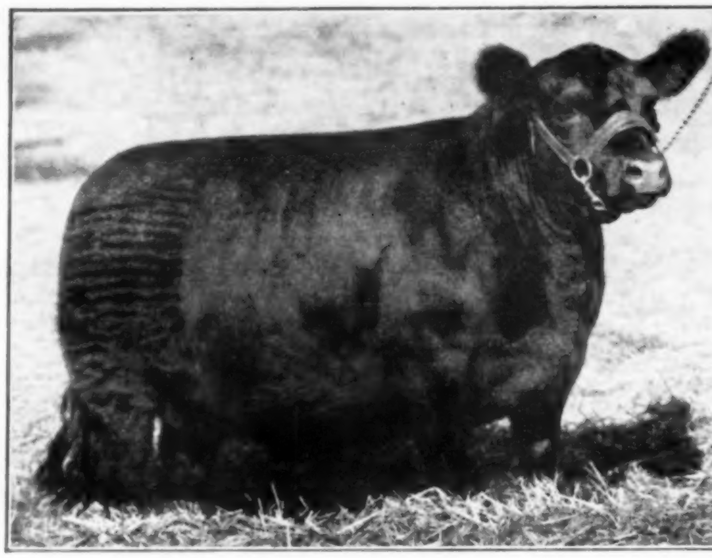

Reserve Champion Angus female at Iowa Fair was this junior yearling, Barbara 2d of Sunset, entered by J. C. Holbert's Sunset Knoll Farms, at Ames and Washington, Iowa.

(Continued from previous page)
& Lein; 4, Rehder; 5, Giles. Four-year-olds (9 shown)—1, Maytag; 2, Clyman; 3 and 5, Rehder; 4, Giles. Aged (13 shown)—1 and 2, Maytag; 3, 4 and 5, Clyman. Senior and grand champion female—Maytag on Maytag Ormsby Pontiac Josephine (aged). Junior champion female—Maytag on Maytag Ormsby Fobes Olivetta (senior yearling). Three females (10 shown)—1, Maytag; 2, Clyman; 3, Giles; 4, Mancrycs; 5, Wetherbee.

Groups: Dairy herd (6 shown) — 1, Clyman; 2, Maytag; 3, Rehder; 4, Miller; 5, Giles. Get of sire (7 shown)—1 and 3, Maytag; 2, Clyman; 4, Rehder; 5, Giles. Junior get of sire (9 shown)—1 Clyman; 2 and 3, Maytag; 4, Rehder; 5, Poorman. Produce of dam (10 shown)—1, 3 and 4, Maytag; 2 and 5, Clyman.

JERSEYS

Judge: Frank Astroth, St. Paul, Minn.

Exhibitors: Adams Bros., Moulton, Iowa; D. L. Armann, Polk City, Iowa; Gary Armann, Polk City, Iowa; Joan Armann, Polk City, Iowa; E. S. Boughman, Bloomfield, Iowa; Earl Davis, Washington, Iowa; Harber Jersey Farm, Tulsa, Okla.; Herbert Hoover, Oskaloosa, Iowa; David Jones, Clarinda, Iowa; Mary Jones, Clarinda, Iowa; Lester Kerby, Bloomfield, Iowa; Wilbur Little, West Branch, Iowa; Paul McClurg, Moulton, Iowa; C. E. Nicklin & Son, Selma, Iowa; M. G. Safley, Hopkins, Mo.; Stanley Schrodermeier, Waverly, Iowa; Mary Jo Skala, Tama, Iowa; P. R. Smith, Joplin, Mo.; Ralph Smith, Chillicothe, Mo.; Harry Stein, Ft. Madison, Iowa; Claire Wemer, Rose Hill, Iowa.

Bulls: Calves (13 shown)—1, Ralph Smith; 2, P. R. Smith; 3, Wemer; 4, Little; 5, Adams Bros. Junior yearlings (6 shown)—1, Ralph Smith; 2, Nicklin; 3, Wemer; 4, Schrodermeier; 5, Stein. Senior yearlings (6 shown)—1, Little; 2, Wemer; 3, P. G. Smith; 4, Ralph Smith; 5, Safley. Two-year-olds (3 shown)—1, P. R. Smith; 2, McClurg; 3, Boughman. Aged (4 shown)—1, P. R. Smith; 2, D. L. Armann; 3, Stein; 4, Hoover. Senior and grand champion bull—P. R. Smith on Lonely Craig Glorious (aged). Junior champion bull—Little on Simply Mirth Successor (senior yearling).

Females: Cows judged on udder alone (20 shown)—1 and 2, Ralph Smith; 3, Adams; 4, Boughman; 5, Little. Calves (15 shown)—1 and 2, Adams; 3, Ralph Smith; 4, Mary Jones; 5, Gary Armann. Junior yearlings (10 shown)—1 and 5, Ralph Smith; 2, 3 and 4, P. R. Smith. Senior yearlings (10 shown) — 1, David Jones; 2 and 4, Adams; 3, Ralph Smith; 5, Wemer. Two-year-olds (12 shown)—1, Ralph Smith; 2, Little; 3 and 5, Adams; 4, Wemer. Three-year-olds (14 shown)—1, Adams; 2 and 3, Ralph Smith; 4, P. R. Smith; 5, Boughman. Four-year-olds (7 shown)—1, Ralph Smith; 2, Boughman; 3, Joan Armann; 4, Safley; 5, Wemer. Aged (13 shown)—1 and 2, Ralph Smith; 3, Boughman; 4 and 5, P. R. Smith. Senior and grand champion female—Ralph Smith on Our Nelly (aged). Junior champion female—David Jones on Royal Noble Aim Rose (senior yearling). Three females (8 shown)—1, Ralph Smith; 2, Adams; 3, Boughman; 4, P. R. Smith; 5, Wemer.

Groups: Dairy herd (5 shown)—1, Ralph Smith; 2, Adams; 3, P. R. Smith; 4, Wemer; 5, Stein. Get of sire (7 shown)—1, Ralph Smith; 2 and 4, Adams; 3, P. R. Smith; 5, Wemer. Junior get of sire (6 shown)—1, Adams; 2, Ralph Smith; 3, Wemer; 4, P. R. Smith; 5, Nicklin. Produce of dam (13 shown)—1 and 3, Ralph Smith; 2, Adams; 4, Boughman; 5, Wemer.

GUERNSEYS

Judge: Clarence Sheridan, Fond du Lac, Wis.

Exhibitors: W. H. Acker, Waterloo, Iowa; Beaver Lane Farm, Woodward, Iowa; Curtiss Candy Co., Chicago, Ill.; Ft. Dodge Creamery Co., Ft. Dodge, Iowa; Dale Freyermuth, Atalissa, Iowa; C. G. Good & Son, Ogden, Iowa; Iowagold Farm, Woodward, Iowa; Harry and Robert Lage, Davenport, Iowa; Royal Manny, Grimes, Iowa; Rookwood Guernsey Farm, Oskaloosa, Iowa; Rosebud Farms, Polk City, Iowa; Rule & Onstot, Indianola, Iowa; Woodruff Bros., Indianola, Iowa; Richard Ostendorf, Ft. Dodge, Iowa.

Bulls: Calves (16 shown)—1 and 2, Curtiss; 3, Rosebud; 4, Ft. Dodge; 5, Lage. Junior yearlings (3 shown) — 1, Rosebud; 2, Ft. Dodge; 3, Lage. Senior yearlings (3 shown)—1, Curtiss; 2, Iowagold; 3, Rookwood. Two-year-olds (7 shown)—1, Curtiss; 2, Manny; 3, Lage; 4, Acker; 5, Woodruff. Three-year-olds (6 shown)—1, Freyermuth; 2, Curtiss; 3, Rosebud; 4, Good; 5, Ft. Dodge. Senior and grand champion bull—Freyermuth on Dean's Matchmaker of Tiptonola (three-year-old). Junior champion bull—Curtiss on McDonald Farms Pre Lucky Boy (senior yearling).

Females: Cows judged on udder alone (18 shown)—1 and 2, Curtiss; 3, Woodruff; 4 and 5, Rosebud. Calves (27 shown)—1 and 3, Curtiss; 2, Rosebud; 4, Ostendorf; 5, Iowagold. Junior yearlings (10 shown)—1, Curtiss; 2, Iowagold; 3, Acker; 4, Rule & Onstot; 5, Rosebud. Senior yearlings (15 shown)—1 and 4, Curtiss; 2, Freyermuth; 3, Lage; 5, Rookwood. Two-year-olds (14 shown)—1, Rosebud; 2, Lage; 3, Curtiss; 4, Acker; 5, Woodruff. Three-year-olds (11 shown)—1, 3 and 4, Curtiss; 2 and 5, Rosebud. Four-year-olds (6 shown)—1 and 3, Rosebud; 2, Curtiss; 4 and 5, Iowagold. Aged (8 shown)—1 and 3, Curtiss; 2, Woodruff; 4, Rosebud; 5, Ft. Dodge. Senior and grand champion female—Curtiss on Pansy's Patsy of Meadowlane (aged). Junior champion female — Curtiss on Curtiss Candy Hummingbird (junior yearling). Three females (7 shown)—1, Rosebud; 2, Curtiss; 3, Woodruff; 4, Iowagold; 5, Lage.

Groups: Dairy herd (5 shown)—1, Curtiss; 2, Rosebud; 3, Woodruff; 4, Iowagold; 5, Ft. Dodge. Get of sire (4 shown)—1, Rosebud; 2, Curtiss; 3, Woodruff; 4, Iowagold. Junior get of sire (5 shown)—1, Curtiss; 2, Iowagold; 3, Lage; 4, Rosebud; 5, Woodruff. Produce of dam (8 shown)—1, Woodruff; 2, 4 and 5, Rosebud; 3, Curtiss.

AYRSHIRES

Judge: G. Fred Williams, Hutchinson, Kan.

Exhibitors: Douglas Ayr Farms, Riceville, Iowa; Elwood Burlingame, Grinnell, Iowa; John Droste, Waverly, Iowa; Bobby Horn, Bloomfield, Iowa; Jerry Horn, Bloomfield, Iowa; Howie Lang & Sons, Brooklyn, Iowa; Harry Lorenz, Davenport, Iowa; F. L. McHone, Stockton, Iowa; R. L. Meunch, Ionia, Iowa; Herbert Ovesen, Wilton Jct., Iowa; Edwin Petersen, Stockton, Iowa; Wm. Schlapkohl, Stockton, Iowa; Wehrman Bros., Laurel, Iowa; Herbert Wilharm, Sumner, Iowa; Seymour Raffety, Grinnell, Iowa; E. C. Rasmussen, Alta Vista, Iowa.

Bulls: Calves (6 shown)—1 and 2, McHone; 3, Douglas Ayr; 4, Wehrman; 5, Lorenz. Junior yearlings (1 shown)—1, Schlapkohl. Senior yearlings (1 shown)—1, Burlingame. Two-year-olds (3 shown)—1, Droste; 2, Ovesen; 3, Lang. Aged (3 shown)—1, Douglas Ayr; 2, Petersen; 3, Wehrman. Senior and grand champion bull—Douglas Ayr on Cavalier's Swanky Gold (aged). Junior champion bull—McHone on Io-Wayside Scott's Choice (calf).

Females: Cows judged on udder alone (12 shown)—1 and 5, Lang; 2, Lorenz; 3 and 4, Douglas Ayr. Calves (18 shown)—1, 3 and 4, Lang; 2, Boby Horn; 5, McHone. Junior yearlings (2 shown) — 1, Wehrman; 2, Droste. Senior yearlings (12 shown)—1 and 3, Douglas Ayr; 2 and 4, Lang; 5, Raffety. Two-year-olds (10 shown)—1 and 2, Lang; 3, Douglas Ayr; 4, Wehrman; 5, Lorenz. Three-year-olds (8 shown)—1 and 4, Lang; 2, Douglas Ayr; 3, Droste; 5, McHone. Four-year olds (4 shown)—1, Lang; 2, Rasmussen; 3, Douglas Ayr; 4, Droste. Aged (8 shown)—1, Lang. 2, Douglas Ayr; 3, Peterson; 4, Lorenz; 5, Wilharm. Senior and grand champion female — Lang on Clovergold Canadian Gem (four-year-old). Junior champion female — Lang on IowAyr Choice Desire (calf). Three females (4 shown)—1, Lang; 2, Douglas Ayr; 3, Lorenz; 4, Wehrman.

Groups: Dairy herd (4 shown)—1, Lang; 2, Douglas Ayr; 3, Lorenz; 4, Droste. Get of sire (4 shown)—1, Lang; 2, Douglas Ayr; 3 and 4, Droste. Junior get of sire (2 shown)—1, Lang; 2, Douglas Ayr. Produce of dam (9 shown)—1, Douglas Ayr; 2 and 3, Lang; 4 and 5, Droste.

BROWN SWISS

Judge: J. G. Cash, Urbana, Ill.

Exhibitors: Leslie Anderson, Castalia, Iowa; Carleton Beh, Des Moines, Iowa; Ewald Brandt, Postville, Iowa; Ralph Bright, Eldora, Iowa; Sidney Danielson, Harcourt, Iowa; Eastern Iowa Artificial Breeding Assn., Cedar Rapids, Iowa; David Flage, Waukon, Iowa; Garner & Silvers, Taintor, Iowa; Frank Gilmore, Jefferson, Iowa; Carol Huendling, Breda, Iowa; Joyce Huendling, Breda, Iowa; Peter Huendling, Breda, Iowa; Emil Opperman & Sons, Manning, Iowa; Paul Otto, Ft. Dodge, Iowa; Mrs. Edith Pearson, Des Moines, Iowa; John Peters & Sons, Hampton, Iowa; Edith and Russell Price, Laurel, Iowa; E. A. Rust & Son

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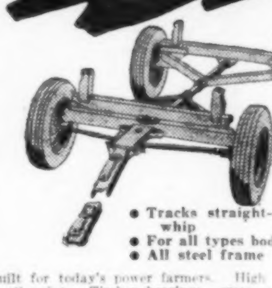

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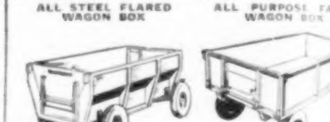

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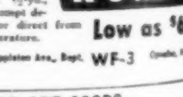

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Our Ads Are News!

Only Iowan to win in State Fair Hereford show was H. C. Pearson, Indianola. He had reserve champion female (Pearson's Duchess 4th, above), reserve bull, four blue ribbons and five red ones.

Weiss, Iowa; Arthur Schmeltzer, West Union, Iowa; E. L. Telleen & Sons, Gowrie, Iowa; R. H. Vogler & Son, Ogden, Iowa; C. E. Wolcott, Richland, Iowa; Robert Schmidt, Davenport, Iowa; Don Prohaska, Ft. Dodge, Iowa; JoAn Prohaska, Ft. Dodge, Iowa; Dennis and Clover Palmer, Keota, Iowa.

Bulls: Calves (16 shown)—1 and 4, Otto; 2, Wolcott; 3, Schmidt; 5, Telleen. Junior yearlings (5 shown) — 1 and 5, Bright; 2, Telleen; 3, Opperman; 4, Garner & Silvers. Senior yearlings (3 shown)—1, Gilmore; 2, Anderson; 3, Wolcott. Two-year-olds (2 shown)—1, Brandt; 2, Telleen. Aged (3 shown)—1, Pearson; 2, Peters; 3, Schmeltzer. Senior and grand champion bull — Pearson on Lee's Hill Kenwin Daybreak (aged). Junior champion bull — Otto on Romeo of Winter Wheat (calf).

Females: Cows judged on udder alone (18 shown)—1, Gilmore; 2 and 3, Bright; 4, Peter Huendling; 5, Beh. Calves (34 shown)—1, Garner & Silvers; 2, Don Prohaska; 3, JoAn Prohaska; 4, Wolcott; 5, Brandt. Junior yearlings (15 shown)—1, Peter Huendling; 2, Bright; 3, Palmer; 4, Gilmore; 5, Pearson. Senior yearlings (14 shown)—1, Vogler; 2, Pearson; 3, Danielson; 4, Schmidt; 5, Peters. Two-year-olds (6 shown)—1 and 2, Bright; 3, Beh; 4 and 5, Pearson. Three-year-olds (10 shown)—1, Pearson; 2, Telleen; 3 and 4, Bright; 5, Otto. Four-year-olds (6 shown) —1 and 5, Bright; 2, Gilmore; 3, Beh; 4, Vogler. Aged (16 shown)—1, 2, 4 and 5, Peter Huendling; 3, Bright. Senior and grand champion female—Pearson on Lily of Judd's Bridge (three-year-old). Junior champion female — Vogler on Bon Ray Beauty's Lady (senior yearling). Three females (9 shown)—1, Bright; 2, Pearson; 3, Garner & Silvers; 4, Telleen; 5, Vogler.

Groups: Dairy herd (4 shown)—1, Peter Huendling; 2, Bright; 3, Otto; 4, Beh. Get of sire (5 shown)—1, Bright; 2, Telleen; 3, Pearson; 4, Garner & Silvers; 5, Beh. Junior get of sire (7 shown)—1, Bright; 2, Pearson; 3, Garner & Silvers; 4, Telleen; 5, Peter Huendling. Produce of dam (10 shown)—1, Gilmore; 2, Pearson; 3, Telleen; 4, Bright; 5, Brandt.

4-H Baby Beeves

HEREFORDS

Judge: Sam B. Marting, Washington Court House, Ohio.

Lightweights (39 shown) — 1, Willis Glenn, Jones county; 2, Leonard Book, Buena Vista; 3, Dale Seebach, Tama; 4, Dale Kuhrt, Calhoun; 5, Robert Fitzgerald, Jasper. Light-mediumweights (27 shown)—1, Weldon Towe, Benton; 2 and 5, Ernest Allen, Marshall; 3, Elmer Schneider, Washington; 4, Donald Roseland, Marshall. Mediumweights (8 shown) —1, Allen Anderson, Story; 2, Arthur Dodge, Clay; 3, Max Book, Buena Vista; 4, Bill Snook, Fremont; 5, Robert Fitzgerald, Jasper. Light-heavyweights (28 shown)—1, Vernon Wagler, Davis; 2 and 3, Lloyd Core, Marion; 4, Wanda Jones, Decatur; 5, Lowell Geer, Page. Heavyweights (28 shown)—1, Milford Hietman, Iowa; 2, Albert Graff, Poweshiek; 3, Winona Jones, Decatur; 4, Clyde Wright, Cedar; 5, Richard Wolf, Muscatine. County groups (8 shown)—1, Marshall; 2, Davis; 3, Marion; 4, Louisa; 5, Jasper. Produce of former club heifers (2 shown) —1, Dale Kuhrt, Calhoun; 2, Allen White, Davis.

Champion: Vernon Wagler, Davis county (light-heavyweight); reserve, Willis Glenn, Jones county (lightweight).

SHORTHORNS

Judge: Alex Edgar, Urbana, Ill.

Lightweights (30 shown) — 1, Richard Fitzgerald, Jasper county; 2, Stuart Stotts, Hamilton; 3, Norman Peterson, Story; 4, Jerry Benson, Jasper; 5, Ray Penningroth, Cedar. Mediumweights (30 shown)—1, Joan Snyder, Clay; Emmet Wolf, Plymouth; 3, Joe Dieter, Crawford; 4, Stuart Stotts, Hamilton; 5, Joe Hadsall, Jasper. Heavyweights (27 shown)—1, Jay Meiske, O'Brien; 2, Joan Snyder, Clay; 3, Richard Wolf, Muscatine; 4, Richard Pelzer, Cedar; 5, Lester Wehrman, Marshall. County groups (5 shown) —1, Marshall; 2, Jasper; 3, Marion; 4, Page; 5, Polk. Produce of former club heifers (6 shown)—1, Joe Dieter, Crawford; 2, Stuart Stotts, Hamilton; 3, Norman Peterson, Story; 4, Dwight Mathes, Marion; 5, Darwin Lynch, Marshall.

Champion: Joan Snyder, Clay county (mediumweight); reserve, Jay Meiske, O'Brien county (heavyweight).

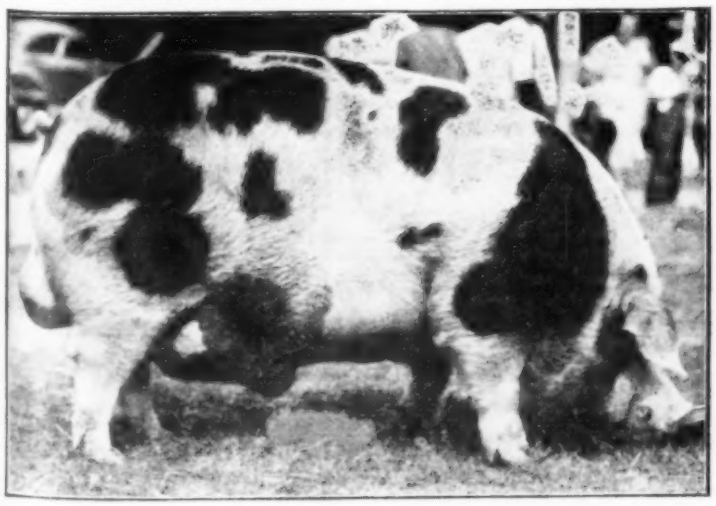
ABERDEEN ANGUS

Judge: J. C. Holbert, Washington, Iowa.

Lightweights (40 shown) — 1, Keith Windus, Muscatine county; 2, Merrill Henry, Warren; 3, Harold Happel, Benton; 4, Duane Exline, Appanoose; 5, Jean Godby, Madison. Light-mediumweights (32 shown)—1, Shirley Greiman, Hancock; 2, Edith Spear, Warren; 3, Charles Fengins, Marion; 4, Ardith Goecker, Page; 5, Roger Broerman, Mahaska. Mediumweights (39 shown) — 1, Rodney Williams, Greene; 2, Howard Robins, Clarke; 3, Dale Roseland, Marshall; 4, Eldon Herzberg, Page; 5, Marvin Smith, Mahaska. Light-heavyweights (36 shown) —1, Robert Dollison, Warren; 2, Gene Oden, Appanoose; 3, Bernard Klauenberg, Marshall; 4, Robert Luce, Clarke; 5, Donald Roseland, Marshall. Heavyweights (37 shown)—1, Melvin Montgomery, Mahaska; 2, Joseph Holub, Mahaska; 3, Dale Seebach, Tama; 4, Lucille Haws, Polk; 5, Bernard Klauenberg, Marshall. County groups (14 shown)—1, Mahaska; 2, Warren; 3, Marshall; 4, Marion; 5, Greene. Produce of former club heifers (6 shown)—1, Melvin Montgomery, Mahaska; 2, Rodney Williams, Greene; 3, Lyle Miller, Clarke; 4, Robert Luce, Clarke; 5, Rita Ann Brothersen, Poweshiek.

Champion: Melvin Montgomery, Mahaska county (heavyweight); reserve,

(Continued on next page)



Best Boar in the Spotted Poland China division was Skippy, from Bill Hemm's Mapleleaf Farms, Chapin, Iowa. Iowans, led by the Andersons, of Kellogg, took all but two of the blues in the show.

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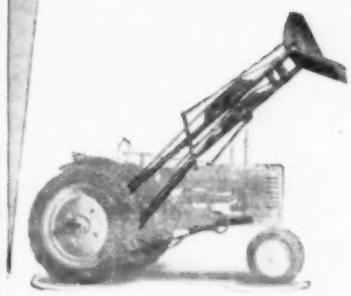

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Oct. 12—Carey Bros., Marengo (Sale at Homestead)
Oct. 13—Nevins & Berry, West Liberty
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Oct. 15 night—Cornick & Swartzendruber, Wellman (c o Cloyd Cornick, Mt. Union)
Oct. 15—Keokuk County Duroc Breeders, Sigourney (c o Earl J. Adams, Hedrick)
Oct. 16—Harry Kime, Cumming
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Oct. 20 night—Irvin Maulsby & Sons, Rockwell City
Oct. 20 night—New Providence Duroc Breeders, New Providence (c o J. Rovang)
Oct. 20—Scott Farms, Corwith
Oct. 21—Paul Hiveley, Duncombe
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Future Iowa beef herd owners got their chance in the 4-H heifer classes. One of those who came out on top was Jerry Gaffney, Davis county. He won Hereford title on Miss Domino Tone.

(Continued from previous page)

Keith Windus, Muscatine county (lightweight).

MIXED GROUPS

County groups (12 shown)—1, Muscatine; 2, Marshall; 3, Jasper; 4, Decatur; 5, Polk.

CHAMPIONS

Judges: William Falcon, Waterloo, Iowa; P. S. Shearer, Ames, Iowa.

Grand champion baby beef: Melvin Montgomery, Mahaska county (heavyweight Angus); reserve, Vernon Wagler, Davis county (light-heavyweight Hereford).

Champion county group: Mahaska county (Angus); reserve, Muscatine county (mixed).

Champion showman: Marvin Smith, Mahaska county; reserve, Norman Peterson, Story county.

4-H Beef Heifers

Boosters of the 4-H beef heifer classes at the Iowa State Fair had something to crow about this year.

The coveted grand champion steer award, which went to Melvin Montgomery, Mahaska county, was the direct result of a beef heifer project.

Judges: Sam B. Marting, Washington Court House, Ohio (Herefords); Alex Edgar, Urbana, Ill. (Shorthorns); J. C. Holbert, Washington, Iowa (Angus).

Herefords: Junior yearlings (23 shown)—1, Willodene Doerfer, Muscatine county; 2, Mariam Mae Farley, Shelby; 3, Ernest Allen, Marshall; 4, Carl Heaberlin, Marion; 5, Lloyd Core, Marion. Summer yearlings (24 shown)—1, Gerrold Gaffney, Davis; 2, Marilyn Doerfer, Muscatine; 3, Dean Hoff, Benton; 4, Albert Graff, Poweshiek; 5, Ronald Bierma, Madison. County groups (3 shown)—1, Marion; 2, Marshall; 3, Jasper. Produce of former club heifers (5 shown) 1 and 4, Ralph Dyer, Marion; 2, Amos Asmus, Audubon; 3, Frances Brooks, Jasper; 5, Mary Reynolds, Jasper. Champion — Gerrold Gaffney, Davis county (summer yearling); reserve, Willodene Doerfer, Muscatine county (junior yearling).

Shorthorns: Junior yearlings (18 shown)—1, Robert Holz, Greene county; 2, Dean Saunders, Shelby; 3, Lida Robinson, Louisa; 4, Ronald Kellogg, Story; 5, Maurice Berquist, Calhoun. Summer yearlings (20 shown)—1, Dean Saunders, Shelby; 2 and 3, Robert Holz, Greene; 4, Lawrence Birchmier, Story; 5, Richard Hudson, Marion. County groups (2 shown)—1, Story; 2, Marion. Produce of former club heifers (7 shown)—1, Leda Robinson, Louisa; 2, Robert Brooks, Marion; 3, Darlene Stanek, Webster; 4, Patricia Elbert, Boone; 5, Keith Elliott, Decatur. Champion — Robert Holz, Greene county (junior yearling; reserve, Dean Saunders, Shelby county (summer yearling).

Aberdeen Angus: Junior yearlings (28 shown)—1 and 2, Betty Lou Kemp, Linn county; 3, Phillip Richards, Marion; 4, Dolpha Saelen, Jefferson; 5, Robert Luce, Clarke. Summer yearlings (23 shown)—1 and 4, Rodney Williams, Greene; 2, Ted Collins, Marshall; 3, Laurence Woolsey, Marion; 5, Ronald Paasch, East Pottawattamie. County groups (5 shown)—1, Clarke; 2, Greene; 3, Marion; 4, Poweshiek; 5, Warren. Produce of former club heifers (11 shown)—1, Ronald Paasch, East Pottawattamie; 2, Shirley Paasch, East Pottawattamie; 3, Rose Marie Luce, Clarke; 4 Rita Ann Brothersen, Poweshiek; 5, Gilbert Spear, Warren. Champion — Rodney Williams, Greene county (summer yearling); reserve, Betty Lou Kemp, Linn county (junior yearling).

Champion Showman: Gary Lutz, Clarke county; reserve, Ernest Allen, Marshall county.

4-H Dairy Heifers

A couple of hundred future Iowa dairymen added further proof that the 4-H dairy heifer show rapidly is becoming one of the major events in the Iowa State Fair junior livestock department.

All classes showed gains in numbers over 1947. Judges were faced with such tough jobs as placing calf classes numbering 24 in Holsteins, 23 in Jerseys and 22 in Guernseys.

Winners in the 4-H dairy show follow:

Judge: Arthur Porter and Floyd Arnold, Ames, Iowa.

Holsteins: Two-year-olds (5 shown)—1, Dick Frundle, Tama county; 2, Irven Halsted, Story; 3, Elmer Paper, Muscatine; 4, Donald Koopman, Benton; 5, Dale and Dean Stall, Polk. Yearlings (22 shown)—1, John Wetherbee, Marshall; 2 Elmer Paper, Muscatine; 3, David Peterson, Webster; 4, Tom Schmoker, Webster; 5, Carold Bryant, Story. Calves (24 shown)—1, Virgil Paper, Muscatine; 2, John Wetherbee, Marshall; 3, Fred Nichols, Marshall; 4, Earl Oelerich, Scott; 5, Robert Edson, Boone. County group (2 shown)—1, Webster; 2, Story. Bull calf, produce of former club heifer (4 shown)—1, Irven Halsted, Story; 2, Phillip Peterson, Webster; 3, Horace Lantz, Webster; 4, Eugene Woodcock, Bremer. Champion heifer — John Wetherbee, Marshall county (yearling).

Jerseys: Two-year-olds (9 shown)—1, Mary Jo Skala, Tama county; 2, Nancy Lee Skala, Tama; 3, Ernest Thomas, Mahaska; 4, Dick Caple, Polk; 5, Linda Lee Grubb, Mahaska. Yearlings (14 shown)—1, David Jones, Page; 2, Gary Armann, Polk; 3, Dick Caple, Polk; 4, Joan Leggett, Marshall; 5, Gene Snakenberg, Keokuk. Calves (23 shown) — 1, Linda Lee Grubb, Mahaska; 2, Harry Little, Cedar; 3, Mary Jo Skala, Tama; 4, Gary Armann, Polk; 5, Vera Thomas, Mahaska. County groups (3 shown)—1, Tama; 2, Polk; 3, Mahaska. Bull calf, produce of former club heifer, 1 shown)—1, Linden Caple, Polk. Champion heifer —David Jones, Page county (yearling).

Guernseys: Two-year-olds (8 shown)—1, LeRoy Woodruff, Warren county; 2, Norman Vogt, Marshall; 3, George Dannen, Marshall; 4, Garland Hopper, Tama; 5, Shirley Dannen, Marshall. Yearlings (13 shown)—1, Merrill Johnson, Warren; 2, Paul Hatcheroft, Des Moines; 3, Wendell Crist, Polk; 4, LeRoy Woodruff, Warren; 5, Norman Vogt, Marshall. Calves (22 shown)—1, Richard Ostendorf, Webster; 2, LeRoy Woodruff, Warren; 3, Dorlis Good, Boone; 4, George Dannen, Marshall; 5, Paul Hatcheroft, Des Moines. County groups (2 shown)—1, Warren; 2, Marshall. Bull calf, produce of former club heifer (1 shown)—1, George Dannen, Marshall. Champion heifer — Richard Ostendorf, Webster county (calf).

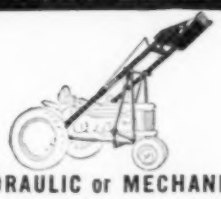
Ayrshires: Two-year-olds (2 shown)—1, Harry Lang, Poweshiek county; 2, Wehrman Bros., Marshall. Yearlings (8 shown)—1, Larry Lang, Poweshiek; 2, Jack Lang, Poweshiek; 3, Seymour Raffety, Poweshiek; 4 and 5, Wehrman Bros., Marshall. Calves (7 shown)—1, Jack Lang, Poweshiek; 2, Larry Lang, Poweshiek; 3, Jerry Horn, Davis; 4, Donald Parken, Poweshiek; 5, Wehrman Bros., Marshall. County group (1 shown)—1, Poweshiek. Champion heifer — Larry Lang, Poweshiek county (yearling).

Brown Swiss: Two-year-olds (12 shown)—1, Dolores Bright, Hardin county; 2, LaRita Bright, Hardin; 3, Robert Cobler, Wapello; 4, Roland Martin, Hardin; 5, Robert Peters, Franklin. Yearlings (22 shown)—1 and 3, Robert Peters, Franklin; 2, Robert Schmidt, Scott; 4, Raymond Hineman, Marshall; 5, LaRita Bright, Hardin. Calves (19 shown)—1, Barbara Jo Lee, Poweshiek; 2, Virginia Martin, Hardin; 3, Don Prohaska, Webster; 4, Joan Hunter, Webster; 5, Jo Ann Prohaska, Webster. County groups (4 shown)—1, Hardin; 2, Wapello; 3, Webster; 4, Boone. Bull calf, produce of former club heifer (6 shown)—1, Joan Scharf, Webster; 2, Robert Schmidt, Scott; 3, Johnnie Danielson, Webster; 4, Stanley Van Auken, Keokuk; 5, Larry Sharkey, Humboldt. Champion heifer—Dolores Bright, Hardin county (two-year-old).

Milking Shorthorns: Two-year-olds (7 shown)—1 and 4, Beverly McKee, Warren county; 2, Stanley Meyer, Clayton; 3, Wayne McKee, Warren; 5, Paul Larsen, Emmet. Yearlings (8 shown)—1, Beverly McKee, Warren; 2, Paul Larsen, Emmet; 3, Francis Larsen, Emmet; 4, Rosemary Barnes, Mahaska; 5, Wayne McKee, Warren. Calves (10 shown)—1, Maurice Meyer, Clayton; 2 and 4, Beverly McKee, Warren; 3, Rosemary Barnes, Mahaska; 5, Wayne McKee, Warren. County groups (2 shown)—1, Warren; 2, Emmet. Bull calf, produce of former club heifer (1 shown)—1, Beverly McKee, Warren. Champion heifer—Beverly McKee, Warren county (two-year-old).

Champion Showman: George Dannen, Marshall county; reserve, Robert Schmidt, Scott county.

MEYER HEAVY DUTY ALL-PURPOSE *Power* LOADER



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50 TOP BOARS

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DAVENPORT, IOWA, OCT. 4

40 BOARS — 35 GILTS

A choice offering of all spring boars and gilts selected from a large herd and one of the finest in the state. They are well-grown, pleasing type and excellent quality. Sired by **CLAUSSEN'S THICKSET, PERFECT GLORY** and **SILVER DOLLAR.** Breeding unsurpassed. Come. Ask for **FREE** catalog. Please mention this publication.

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THURSDAY, OCT. 14th

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Rock Rapids, Iowa

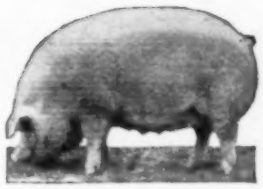
CHESTER WHITE
BOAR AND GILT SALE

NIGHT SALE

MONDAY, OCTOBER 11

8:00 P. M.

30 SPRING BOARS AND 10 SPRING GILTS

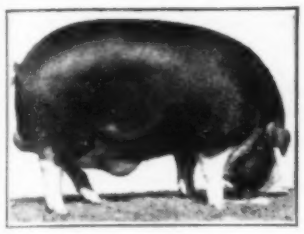


An excellent offering of boars and gilts sired by **GOLDFINDER, LISK PILOT** and **ALFALFA SENSATION.** A few from bred sows purchased last winter sired by **THE ADVANCE** and **EXPLOITER.** These pigs were farrowed in March and April; are a very outstanding and uniform bunch. There are many top herd sire prospects in this offering. I am also selling in this sale my young herd boar, **REX,** Champion Boar of the Missouri State Show and Sale last winter.

Write for catalog

JOSEPH MADDEN, MARYVILLE, MISSOURI

Auctioneer, Bert Powell



SHOWMASTER

Lakeside Farm

POLAND CHINAS

TUES. NIGHT OCT. 5th

1 mile east on Highway No. 71 and 1 mile south of STORM LAKE, IOWA

35 BOARS 35

Truly smooth boars that will please our farmer and breeder friends. They are the easy feeding type that make fast gains. We have produced Poland Chinas for a number of years but we have never produced an offering that had as much style, balance, and all-around usefulness as this group. We sired by the popular SHOWMASTER, 2nd at Iowa 1947 and 1948, who has proven his value in siring the right kind for the show ring and feed lot alike. In the show ring Shawmaster has been beaten only by the boars that went on to become grand champions.

We will also have some outstanding herd boar prospects by LAKESIDE DESIGN, 1st prize at Iowa 1947. It will pay you to see these boars before you buy. Write for FREE catalog mentioning this paper.

EUGENE DUGAN **STORM LAKE, IOWA**

H. S. DUNCAN, Auctioneer

CHESTER SALE

MONDAY, OCTOBER 4

Choice, well-grown, excellent type, with real quality, 20 spring boars and 25 splendid gilts sired by **SUPREME CHIEF,** Reserve Grand Champion at Davenport. You will like their merit. **COME.** Ask for **FREE** catalog. Kindly mention this publication.

HENRY J. DICKINSON

SABULA, IOWA

Nodaway County Annual

Angus Breeders Sale

(At sale barn on Highway No. 71)

MARYVILLE, MO.

MONDAY, OCT. 4th

65 LOTS — 2 BULLS — 63 FEMALES

A splendid offering. **18** cows with fine calves, **25** bred heifers and **20** open heifers. The rich blood of **BLACK PRINCE OF SUNBEAM, EILEENMERE 85th,** and **GENERAL OF PAGE,** is well represented. The families are 12 **MISS BURGESS,** 12 **JUANA ERICA,** 10 **BLACKBIRD,** 10 **BLACKCAP,** 5 **ELBA,** 3 **CRIDLAN EVERGREEN,** and 3 **ELINE ERICA** . . . nothing finer. Also 15 select purebred **4-H** and **F.F.A.** club prospects will be offered. A registered Angus heifer offered FREE to some Lucky member, drawing at 12:30 Noon. Come. Ask for FREE catalog. Kindly mention this publication. Address

F. B. HOUGHTON, Secy., MARYSVILLE, MO.

SPOTTED POLAND SALE

WEDNESDAY, OCTOBER 6th

A most desirable offering of 40 boars and 20 gilts, all spring farrow, including my 2d prize winner at 1948 State Fair, 2 litters by **FARMERS KING,** 2 litters by **STAR-LIGHT IMPROVER.** Others by **TOP ALL** and **BLENDER.** Best in breeding. Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication.

EARL KELLOGG & SON

Winfield, Iowa

REG. JERSEY AUCTION

JONES & BRENIZER MILKING HERD DISPERSAL

LAMONI, IOWA, SAT., OCT. 9

At North Park, Lamoni, beginning at 1 P. M.

32 HEAD—Well bred Registered Jerseys. 28 cows, 2 to 8 years of age. Many fresh and others will be fresh by sale date. A good lot of high producing, good type cows of **"PROVEN Blood Lines"** to combine type with production. 2 bred heifers and 2 choice young bulls, one of which is now ready for service. All **T.B.** and **Bangs** tested within 30 days of sale date. For Catalog of sale, write or wire

IVAN N. GATES, Sale Mgr.
West Liberty, Iowa

Auctioneer, Warren Collins

ANDERSON'S

Spotted Polands

(Just north of town)

KELLOGG, IOWA
OCT. 13TH

40 EXCELLENT SPRING BOARS

A large offering, including the 1948 Iowa Junior champion and 1st prize Junior pig by **HONOR BOUND,** many by him will outbreed **GLORY FOCAL'S.** Best in quality and breeding. **COME.** Ask now for **FREE** catalog. Kindly mention this publication.

A. J. ANDERSON & SON, Kellogg, Ia.

Chester White Sale

(Sale at farm)

OLIN, IOWA

NIGHT SALE

OCTOBER 8th

40 HEAD—20 BOARS—20 GILTS

The best lot we have ever produced, some well-grown August pigs, displaying quality. Sired by **FIELDMAN,** the 2d prize boar at 1948 Iowa State Fair. A few by **GOOD CHOICE.** You will like them. Ask for **FREE** catalog. Kindly mention this publication.

HENRY JURGENSON, OLIN, IOWA

NORTHEAST MISSOURI ANGUS BREEDERS

In Pavilion Located Forty Miles South of Ottumwa, at

MEMPHIS, MISSOURI
FRIDAY, OCTOBER 1st

55 HEAD

15 BULLS — 40 FEMALES

This is a splendid lot of cattle selected with care from the best herds of this territory. The fifteen bulls include some real prospects, herd-heading material. The females are a most desirable lot, and include some grand breeding matrons with big lusty calves at foot and rebred, a number of good bred cows and heifers and a most attractive lot of open heifers.

The blood lines are the most popular families and will appeal to those in the market for top quality cattle; they will help work breed improvement. The usual high quality will be found in this grand offering. Make plans now to attend. Ask for FREE catalog, mentioning this publication. Address

W. R. DIERKS, Secy., MEMPHIS, MO.

Auctioneer, Roy Johnston J. E. Halsey, Fieldman

O. W. JONES & SON

HAMPSHIRE SALE

Our Offering This Year Is SECOND TO NONE IN THE LAND

50 BOARS AND 50 GILTS

UTE, IOWA
THURSDAY, OCTOBER 7

Just tell your Hampshire men that the Jones Boys have an offering that is going to be hard to beat this year. We have never had an offering to do better than they have done for us this year, and you can tell them that if they are going to want a good herd boar for the coming year that they had better put in an appearance at our sale or be represented with a bid. We not only have some outstanding boars but we have outstanding gilts that should go into the best of herds. These are sired by The Huntsman, by Century Blender, and Monarch 1st by Oh Boy. We also have a choice litter by Checkers, Upward Bound, Special Ringer and Kanabe's Special. This offering is well grown, big for their age, and there are a number of good herd boar prospects, and as good a bunch of gilts as you will see in anybody's sale this fall. Write us at once for catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

O. W. JONES & SON, UTE, IOWA

M. T. White, Representative

SHORTHORN SALE

At the Farmers Livestock Sales Pavilion, on Highway 71, 1 mile north of

SPENCER, IOWA
SATURDAY, SEPTEMBER 25

25 FEMALES — 1 HERD BULL

Most of the present cow herd was founded on the old Missie 181st cow by Brownlale Marshal, from the Peter Clausen & Sons herd. Only good bulls have been used over a long period and the cows selling are mostly granddaughters of Brownlale Revolution, Statesman Banker, and Brae Lodge Leader. The present herd sire is **GOLDFINDERS' JUGGLER 2d** by the International Champion, Goldfinder's Champion, and out of the Missie 58th cow by Blythwood Goldspur by Divide Goldlust. This four-year-old tried and proven sire sells! The 25 females include mostly cows with big lusty calves at side and a few bred heifers. The cows will be rebred to **GOLDFINDERS' JUGGLER.** This is an accredited herd, all **Bangs** and **T.B.** tested. Plan now to attend; it will pay. Complete catalogs, breeding dates, etc., will be available. Address

C. H. & R. D. ARTHUR, SPIRIT LAKE, IOWA

Maurice Boney, Fieldman

5500 FEEDER CALVES

Producer's Auction sales from Top Angus and Hereford Herds

1,900 ANGUS, OCT 4th and 5th
UNIONVILLE, MO.

800 HEREFORDS, OCT. 6th
UNIONVILLE, MO.

1,000 Herefords and Angus, Oct. 7th, Bethany, Mo.

800 Angus and Herefords, Oct. 7th Princeton, Mo.

1,000 Herefords and Angus, Oct. 8th Milan, Mo.

For FREE information write the following:
DON O. POLLOCK, Mgr., Unionville, Mo.
D. D. JOHNSON, Mgr., Bethany, Mo.
SAM ROWE, Mgr., Milan, Mo.
RAYMOND CARROLL, Mgr., Princeton, Mo.

WOODYARD'S SPOTTED POLANDS

INDIANOLA, IOWA
OCT. 13TH

Night Sale — 7:30 P.M.

40 GREAT BOARS
20 CHOICE GILTS

One good fall boar, others all spring farrow, we sell several winners at the 1948 Iowa State Fair. One litter by **BINGO CHIPS,** one litter by **CRUSADER** . . . others by **BOLD VENTURE.** Breeding unsurpassed. All well-grown, excellent type and quality. Plan to attend. Ask for **FREE** catalog. Please mention this publication.

Walter Woodyard & Son, Indianola

ROYALLY-BRED ANGUS

At Plainview Stock Farm, Owned by **Harry C. Meredith**, located 17 miles south of Grinnell, Iowa and 17 miles north of Oskaloosa, Iowa on Highway No. 146, and just north of

SEARSBORO, IOWA, TUESDAY, OCTOBER 5th

Burgess 103rd, by Burgess Superior a son of Burgess Deluxe. Dam a Granddaughter of Earl Marshall and a Bonnie Maid Of Mulben, Miss Burgess. He is a great sire.

Evergreen Lady 47th, 1041951, an outstanding show heifer sired by Burgess 103rd, which is only a fair sample of his progeny. Others like her sell.

60 HEAD

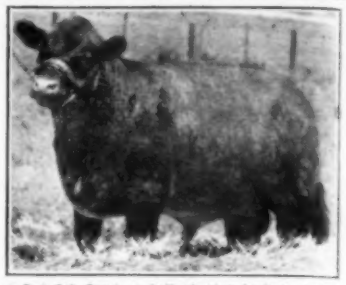
30 Grand Breeding Cows with Big Lusty Calves
10 Beautiful 2-Year-Old Bred Heifers
20 Most Attractive Open Heifers

This is a great herd and will be one of the best bred lot of cattle to be sold in the state this fall. All are young cattle, rich in pedigree, modern type and pleasing in quality. The sort for real herd improvement. The 30 cows with calves at foot are most all **MISS BURGESS**—the sort for **QUICK PROFIT** for the buyers. You will like the fine 2-year-old heifers which are mated to **PUSTEL BUMMER** 949411 a son of Postelmere 3rd by Hanes' Elleenmere. Dam a granddaughter of Earl Marshall. The open heifers are a wonderful lot and sired by **BURGESS 103rd** and **BURGESS MARSHALL 20th**. The families are **MISS BURGESS — ELSA ERICA** and **ENCHANTRESS ERICA** — nothing finer in blood lines. An opportunity to make admirable and profitable selections in Angus cattle that will help work breed improvement. Plan to come. Ask now for the **FREE** illustrated catalog. Kindly mention this publication. Address

ABERDEEN-ANGUS JOURNAL, Sale Mgrs.
Box 238, Webster City, Iowa

Auctioneers, ROY JOHNSTON, RAY SIMS and N. G. KRASCHEL.

Alauna Stardale, one of the attractive young bulls selling. He will make a herd bull.



Red Oak Scout, a bull pleasing in type, merit, pedigree and quality. You will like him.

8TH ANNUAL STATE

IOWA POLLED SHORTHORN

(At Iowa State fair grounds)

SHOW 9:30 A.M. — Judge, WALTER H. LARSON, Carrington, North Dakota — **SALE 1:00 P.M.**

DES MOINES, IOWA, MONDAY, OCTOBER 11th

26 Herd Bull Prospects — **32 Grand Well-bred Females**

15 reds 10 roans 1 white — **Females of foundation character**

This is without a doubt the best offering ever presented by the **Iowa Polled Shorthorn Club, Inc.** They have been carefully selected from 22 leading herds. Individuals that will satisfy, rich pedigrees, modern type, excellent quality. Bulls good enough to head the best herds. The females are most attractive 15 beautiful bred females and 17 choice open heifers, soon ready for mating to your herd bull. Bulls and females of show-yard caliber, several were winners at the 1948 Iowa State Fair. The fine lot portrayed here are only a few of the many excellent cattle selling. The consignors are:

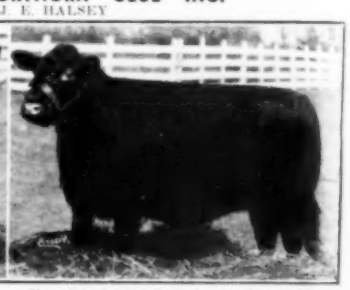
	Bulls	Females		Bulls	Females
J. W. BEAL, Maxwell	0	1	PHILLIP MARTI, Waukon	1	1
L. C. BOLSON, Decorah	2	0	MORRIS BROS., Alegio, Ill.	1	1
MARTIN BLASS, Sac City	0	2	ALBIN J. NELSON, Eagle Grove	0	1
WALTER FENNERN, Vinton	2	0	R. E. PHILLIPS, Red Oak	2	0
R. L. FLAMME, Gladbrook	2	6	GEO. E. SMITH, Keokuk	1	2
W. S. FULGHAM & SON, Mason City	1	0	GEO. E. SMITH, Oskaloosa	1	4
EARL S. GIRTON, Marshalltown	3	1	JOHN VANDER BERG, Pleasantville	2	2
S. E. HUDSON & SON, Knoxville	0	1	J. C. WAHLS, St. Olaf	1	2
E. P. LAUGHLIN, Imogene	1	1	GEO. WHITE, Malvern	2	1
L. W. LOVELL, Monticello	1	5	CLARA WILLNOIT & SON, Wall Lake	1	0
LINLITHGOW FARM, Washington	1	1	GLENN YOAKUM & SON, Keswick	1	0

A study of the catalog and you will find many of the best sires are represented which include Red Oak Sensation X, Collynie Stardale X, Alauna Lord Collynie X, Regal King X, Lynwood Hero X, Cherry Hill Landmark X, Collynie Express X, Coronet Inspiration X, Cloverdale Claytoun X, Brownlale Lad X, Red Oak Goldspur, Jr. X., Highland Robin X, Cloverdale Defender X, Cloverdale Cymbal X, Crown Choice X, Victory Nuggett X, Valley View Villager X, Coronet Streamliner X, Coronet Royalist X, Collynie Leader X, Waycross Nuggett X, Oakwood Commander X, Cloverdale Major X, Shadybrook Lord Rothes X, Regal King X, Golden Rodney X, Polled (X) breeding unsurpassed. **COME!** Ask now for **FREE** catalog, which is well illustrated. Kindly mention this publication. Address:

EARL S. GIRTON, Secy. Box 282-W — **MARSHALLTOWN, IOWA**
IOWA POLLED SHORTHORN CLUB INC.

Auctioneer, J. E. HALSEY

Cloverdale Royal Lady 7th—a beautiful daughter of Coronet Inspiration. She is of show-yard caliber.



Cloverdale Autumn Lady 3rd—by Coronet Inspiration and bred June 7th to Cloverdale Claytoun. A real prospect.

CHARDON FARMS

Located just North of Chicago, near Waukegan, Ill.

Hampshire Supreme

TRU MOLD, the $8,500.00 boar, 1947 Iowa grand Champion and one of the greatest boars of the breed. A son of the famous COMPREST. He is siring some wonderful Hampshires.

THE CREAM OF OUR CROP

We have one of the finest sow herds of the breed. Our foundation was selected from the leading herds and they are of modern type, rich in pedigree and marvelous producers. Our **BOARS** being offered are the best we have produced, well-grown, rugged, ideal type, with merit and quality. To get the **TOP** prices you must have a **TOP** Boar. Act now while they last. Priced **REASONABLE. $95.00, $135.00** and **$175.00** according to quality. Will be shipped **C.O.D.** plus cartage.

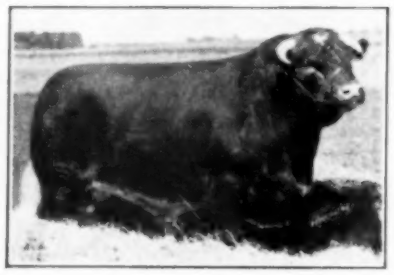
CHARDON FARMS

GRAYSLAKE, ILLINOIS

"HOME OF CHAMPIONS"

2d Annual Production Sale of

SHORTHORN CATTLE



GOLD ACCENT, the great Supreme Goldfinder breeding bull. His progeny sells.

Sale held under cover at Royal Holz farm, located 1 mile east of Grand Junction and 2 miles south on Highway No. C.

GRAND JUNCTION, IOWA SATURDAY, OCTOBER 2nd

50 HEAD—11 BULLS, 39 FEMALES

GOLDEN RULE SHORTHORN FARMS present a select offering, sired by our noted herd sires. Our entire **1946** and **1947** calf crop with the exception of two show heifers we are retaining. The rich blood of **GOLDFINDERS** is getting results, with the great cross of **KILLEARN MONARCH 29th.** The 11 bulls are from 11 months to 24 months old. Some high-class herd bull prospects. Our 1st prize Summer yearling bull at Missouri State Fair sells. The 39 females include our Junior yearling heifer, which stood next to Grand Champion at Iowa and Missouri State Fairs. 5 grand cows with big, lusty calves at foot. 35 excellent bred cows and heifers. 21 heifers safe in calf or with breeding privilege. 8 daughters of **KILLEARN MONARCH 29th,** others by **GOLD ACCENT** and **DOUBLE GOLDFINDER.** Most all of our 1948 Show herd sells. You get our best bred cattle. They are typy, thick with substance and the right sort. **GILBERT PFEIFFER,** Indianola, Iowa, whose herd is built along bloodlines similar to **HOLZ BROS.** has been invited to sell 8 head to help make proper number for a good sale offering.

All cattle **T.B.** and **Bangs** tested and vaccinated and can go anywhere.

Ask for the **FREE,** beautiful, illustrated catalog. Kindly mention this publication. Address either

HOLZ BROS. — **ROYAL HOLZ, Grand Junction, Iowa**
RUSSELL HOLZ, Rippey, Iowa

Auctioneer, J. E. HALSEY — M. T. WHITE, Fieldman

EHF **OCTOBER 14th** EHF

Unusual Sale

OF USEFUL

REGISTERED HEREFORDS

25 With Calves at Foot
all but 8 are rebred

25 Bred Heifers
Mostly Daughters of Domino Woodford and WHR Jupiter Domino 150th

6 Daughters of Real Prince Dundy

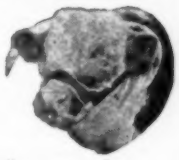
20 of the calves and all service by
Domino Woodford and WHR Domino 150th

Siring

Rugged Easy Fleshing Herefords

and proving a cross that is

Unusual



As you will see when you attend this

Unusual Sale

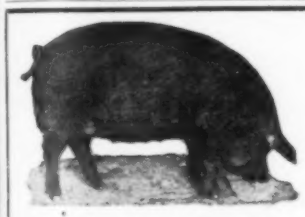
At farm, located only 50 miles northeast of Clinton, Iowa, and near

ETNYRE HEREFORD FARMS

OCTOBER 14th

EHF **OREGON, ILLINOIS** EHF

Ask for FREE catalog; please mention this publication.



SMITH-WITTER

DUROC SALE

At Fairgrounds

SPENCER, IOWA

SATURDAY, OCTOBER 9th

20 BOARS — 40 GILTS

WM. M. SMITH, Milford, Iowa, culls very closely and will offer only the tops of over 200 spring pigs. They are mostly sired by SMITH'S FANCY LEADER by Fancy Leader, the Minnesota champion, and by TAZEWELL COLONEL by Tazewell Promoter.

RALPH L. WITTER, Storm Lake, Iowa, is offering two feature litter attractions. 5 boars and 3 gilts by STAR BLEND, the famous Potter herd sire and 2 boars and 5 gilts by the Ira Johnson herd boar, THE MONARCH.

This is an opportunity for the farmer and breeder as the offering will be large, well grown, good in color, and the tops in the ability of producing economical pork. Plan now to attend. Mention this paper when writing for FREE catalog. Address

W. M. SMITH, MILFORD, IOWA

Send bids to Maurice Boney, Fieldman, in our care

FANCY LEADER
Our 1947 Grand Champion

SHADELAND FARMS

DUROC SALE

Just north of Rock Rapids, Iowa, 3 miles west of

LUVERNE, MINN., OCT. 6

60 BOARS AND GILTS

We use great care in selecting our offering from a large number of top pigs from three farms. Many are sired by our 1948 Minn. Grand Champion, LUCKY PROMOTER, including the 1st prize Sr. Spring Boar at the recent fair. The Jr. Champion Boar and Gilt sired by ROYAL DIAMOND both sell! Over 30 years of constructive breeding. Improve your herd with animals of heavy bone and easy feeding ability. Mention this paper when asking for FREE catalog.

JUHL BROS., LUVERNE, MINN.

Auctioneer, John Hall

PUREBRED SHORTHORN

CLUB CALVES

CHEROKEE, IOWA

OCTOBER 9th

55—STEER CALVES—55

Calves selected from our previous sales have good high at many of the local and regional shows. The calves are out of registered sires and dams and will carry tattoo marks for full breeding information. Come early and make your selections.

OTTO THIEDE & SONS, Owners, Burton, Neb.

For further FREE information, address

HARRY DEWAR, Sale Mgr.
Cherokee, Iowa

SHORTHORN SALE

Sale Pavilion

ORIENT, IOWA, SEPT. 25th

45 HEAD Choice pure-bred unregistered cattle. 30 cows with calves . . . some suitable for 4-H calves. 7 open heifers and 15 yearling steers COME.

Minor Kelley, Owner, Louisiana, Mo.

Our Ads Are News!

Registered HEREFORD BULLS Do Not Cost . . .

THEY PAY!

Increased Profits can Exceed Original Cost in FIRST Year	Easier to Pay For Than Ever Before
$20 TO $50 MORE PER CALF — $1000 TO $2500 MORE PER CARLOAD	IN 1932 — IN 1948
	Basis: Average Registered Hereford Bull and No. 2 Corn

All this from the use of good Registered Hereford Bulls as compared to the use of common sires. Actual difference of $41.85 per calf shown in the Virginia Feeder Calf Sales of 1947.

In terms of corn, wheat, commercial cattle or other farm products, a good Hereford bull costs only one-third as much as he did ten years ago. Even bologna bulls are selling at $400 to $500 per head for beef.

Coming!
THE
"R. J." HEREFORD ROYAL
Kansas City, Mo.
Show—Oct. 16-23
Sale—Oct. 20
$75,000.00 IN PRIZES

THESE are just two of the reasons why farmers, ranchers, and breeders at auctions this year already have invested over $4,500,000 in Registered HEREFORD BULLS. *They pay!*

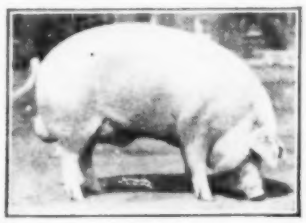
For full facts, mail coupon below for FREE illustrated booklet, *"Herefords, The Beef Breed Supreme."* Shows how Herefords pay off for you in market after market.

Get Ahead with

HEREFORDS

THE BEEF BREED SUPREME

AMERICAN HEREFORD ASSOCIATION
Dept. AA-1 300 W. 11th St., Kansas City 6, Mo.
Please send FREE, Illustrated Booklet: "Herefords, The Beef Breed Supreme."
Name.....
R.F.D. or Street No.....
City.....State.....



PROFITABLE

Chester Whites

At farm, 4 miles east, 4 miles north, and ¼ mile east of

PRIMGHAR, IOWA

Night, SEPT. 30—7:30 p. m.

35 TOP BOARS — 40 QUALITY GILTS

Only the tops have been selected from over 200 spring pigs. There will be some really outstanding individuals. They will be litter mates to our 2nd place pen of barrows and 3rd prize individual barrow at the recent State Fair. Our 7th prize spring gilt from this strong show will sell. This well grown offering is mostly sired by EXPLOITER AGAIN by The Exploiter, and CRAFTSMAN by Nebraska Champ. They have lots of bone and are wide, deep, and thick with plenty of style. Farmers needing good boars will find these to their liking. Those needing quality gilts are urged to attend and buy at your own prices. Please mention this paper when writing for our FREE catalog.

CLARENCE SMITH, JR., PRIMGHAR, IOWA

Send bids to Maurice Boney, Fieldman, in our care

MINNESOTA ANGUS BREEDERS

MONTEVIDEO, MINN., SEPTEMBER 25th

SHOW—10:00 A. M. SALE—1:00 P. M.

25 BULLS — 35 FEMALES

An outstanding set of beautifully bred cattle. A feature of the sale will be a number of females bred to the great young imported bull, GREGORY OF AULDICH. Type and quality that will please. Our consignors are:

E. W. BROWN	Luverne	F. W. MILLER	Mapleton
CAMPBELL BROS.	Utica	ROBERT C. MILLER	Harmony
STANLEY CRUME	Glyndon	NORMAN NIBBE	Lake City
EIKMEIER BROS.	Pipestone	GEO. W. PAYNE & SON	DeGraff
ALF. M. FALKENHAGEN	Hasson	ELMER P. PEDERSEN & SON	Pipestone
LEARY BROS.	Caledonia	SALLSTROM BROS.	Windthrop
ARCHIE McGREGOR	Mapleton	J. IVAN SAMPLE	Spring Valley
BRUCE McGREGOR	Mapleton	JOHN D. STEVENSON	Delhi
JOHN S. McKINNY	Granite Falls	BRUNO TEUCHERT & SON	Fairmont
C. M. MILLER	Harmony	ALDO WELK	Blue Earth

When writing for FREE catalog please mention this paper.

CLEMENT C. CHASE, Secy., PIPESTONE, MINN.

Ray Sims, Auctioneer W. A. Plath, Davenport, N. D., Judge

ATTEND THE BOOSTER DINNER, 6:30 P. M. PREVIOUS EVENING, SEPTEMBER 24TH

—SAVE MONEY THE EASY WAY—BUY SECURITY BONDS NOW—

MILES M. AND MAX MANN'S

SPOTTED POLAND SALE

Selling 40 Boars and 20 Choice Gilts

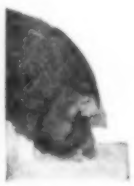
OCTOBER 2, (SATURDAY,) 1948

I got my working clothes on in time this year and I have therefore got one of the grandest offerings of Spotted Poland Chinas that I have ever listed for a public sale. These are sired by Superfine by Super Rival, the great grand champion Minnesota state fair boar last year. The dams of these boars and gilts are sired by two boars I bought from Harvey Larson and they were by 16 Special. The boys that have come to the farm all tell me that I have the greatest lot of boars and gilts that I have ever raised, so they must be good. I know they have done good and they look good to me. My sale will be held in the afternoon. Write for catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

MILES M. AND MAX MANN, WOODBINE, IOWA

Auctioneers, Taylor & Wells — M. T. White, Fieldman

C. W. CREES' SALE



POLAND CHINA BOARS and SOWS

30 BOARS — 25 GILTS

BAYARD, IOWA

TUESDAY, OCTOBER 5

Most of my offering are sired by my great Casper Peterson boar, **DOMINATOR**, and he was out of Black Beauty by Black Chief. One litter is sired by The Rocket, and this is a good litter. I will also sell four good sows with litters. I am also selling my junior yearling boar, **DOMINATOR LAD**, and he is a splendid boar. Selling a good litter out of Black Belle, as good a litter as was ever put in a sale. Another good litter out of Flashes Beauty. I have never offered a better lot of Poland Chinas. Sale at farm, 6 miles south of Bayard. Write for catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

C. W. CREES, BAYARD, IOWA

Ora Stevens and Frank Irlbeck, Auctioneers — M. T. White, Fieldman

JACK ZIMMERMAN'S

SPOTTED POLAND SALE

40 BOARS — 40 GILTS

EARLING, IOWA, OCTOBER 2, 1948

(NIGHT SALE)

Those who have been at my farm this year say I have the best lot of Spotted Poland China boars and sows that I have ever raised. I am selling 40 boars and 40 gilts and I maintain they are the best lot of Spots that I have ever driven through a sale ring. They are sired by The Harvester, the top boar in the Bob Walder's sale last fall, and you take it from me these boars are good. Then I have some good boars and sows by Golden Dawn, the boar I bought from Mile Maun. Then I have an outstanding fall boar by Lone Ranger, and I think he is one of the greatest fall boars of the year. If not sold before the sale might put him in for an attraction. These are by far the best and most even lot of boars and sows that I have ever raised. Sale will be held at the farm, the first place east of Earling on Highway 37. Write for my catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

JACK ZIMMERMAN, EARLING, IOWA

Taylor & Martin, Auctioneers — M. T. White, Fieldman

SIOUX EMPIRE

Polled Shorthorn Club, Inc.

at the Fairgrounds

Sioux Falls, South Dakota

Show 9:00 A.M., Albert Hultine, Judge — Sale 1:00

TUESDAY, OCTOBER 5th

30 BULLS — 26 FEMALES

Strong useful Polled Shorthorns drawn from the leading herds in four states. All bulls will be of serviceable age, many of them being long yearlings and ready for heavy service. The females are all heifers. A number of them will be carrying calves by prominent herd bulls in this area. This is an opportunity to secure the tops in Polled Shorthorns at your own price. The consignors are:

E. H. Thormodsgaard	Hudson, S. D.	McLaughlin & Hagenbuch	Davis, S. D.
M. H. Bassett	Rushmore, Minn.	Julius M. Hansen	Murdock, Minn.
Huso Bros.	Minneota, Minn.	David H. Finn & Sons	Valley Springs, S. D.
Seely Bros.	Algona, Iowa	F. J. Norton	Luverne, Minn.
A. Lopau & Sons	Pipestone, Minn.	Randall Peterson, Jr.	Groton, S. D.
Henry O. Larson	New Ulm, Minn.	Lyle Fritz	Bath, S. D.
Marion Reit	Beresford, S. D.	B. O. Rue & Sons	Lakefield, Minn.
L. E. Sasse	Sleepy Eye, Minn.	Wm. DeNeui	Chancellor, S. D.
Minor O. Blum	Terril, Iowa	Bernard Wilson	Alcester, S. D.
H. B. Warner	Dakota City, Nebr.	Frank Vander Does	Gary, S. D.
A. C. Constable	Rushmore, Minn.		

Plan now to attend. Come early and see the cattle judged. Ask for FREE catalog, mentioning this publication. Address

JOHN F. WHITE, Secretary — Box 199 — SIOUX FALLS, S. D.

Auctioneer, J. E. Halsey — Maurice Boney, Fieldman

TWO EASTERN IOWA

MILKING SHORTHORN SALES

(Hawkeye-downs)
Eastern Iowa Breeders Sale
CEDAR RAPIDS, IA.
Sept. 27th—1:00 P. M.
42 FEMALES
2 OUTSTANDING BULLS

This offering includes entire herd of 25 head of **Geo. Dunnett**, Hagersville, Ontario, Canada, who is dispersing. All dehorned red animals, line-bred to **ROBIN ADAIR**. Some in production, others springers and heifers. 3 heifers from **ALDER LEA**, Hamilton, Ontario, Canada. 5 top open heifers from **ROYER DENNIS & SON**, Nanticoke, Ontario . . . the blood of **ROBIN ADAIR**. One choice young cow from **H. M. ATKINSON & SON**, Nanticoke, Ontario. Two outstanding young bulls in sale. Good breeding. Ask for **FREE** catalog. Kindly mention this publication. Address

(Sale Pavilion)
Southeast Iowa Breeders Sale
BLOOMFIELD, IA.
Oct. 4th—1:00 P. M.
40 FEMALES
3 YOUNG BULLS

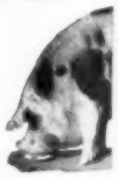
This is a carefully selected offering which is consigned by the leading herds of **IOWA** . . . **MISSOURI** . . . **OHIO**, and **CANADA**. Rich in pedigree and with production and type. Some in production now, others heavy springers and some attractive open heifers. The 3 young bulls will appeal to those in the market for a good bull. If you are interested in well-bred cattle, plan to attend. Ask now for **FREE** catalog. Kindly mention this publication. Address

A. R. CHILTON, Mgr., SIGOURNEY, IOWA

SPOTTED POLAND SALE

Portsmouth, Iowa, September 27

18 TOP MARCH BOARS
25 CHOICE MARCH GILTS



This is an extra choice lot of well-grown, rugged boars and gilts with choice type and quality sired by **SILVER COMMANDER** by Royal Commander and **GOLD SUPREME** by Fair View Supreme. Best in blood lines. The sort that will please. You can find what you desire here. **COME!** Ask for **FREE** catalog. Please mention this publication.

T. E. LAWRENCE, PORTSMOUTH, IOWA
Auctioneer, Larimore

HIRED HAND HARLEY—Too Late To Back Out Now

The Star Event of the Year!

Nation-Wide In Scope

Dairy Cattle Congress

Added ★ Attractions!

NATIONAL BELGIAN HORSE SHOW

★ International Waterfowl Show ★ American Poultry Congress
★ 4-H Club Heifer Show ★ Mid-West Saddle Horse Show
★ Complete Women's Dept. ★ Garden and Flower Show

MID-WEST INDUSTRIAL EXPOSITION

JUDGING DATES: Milking Shorthorns, Oct. 4 and 5; Guernseys and Jerseys, Oct. 5 and 6; Ayrshires, Oct. 6 and 7; Holsteins and Brown Swiss, Oct. 7 and 8; Belgians, Oct. 4, 5, and 6; all 4-H Heifers, Oct. 9. Come when your favorite breed is in the ring.

Thrilling Hippodrome Show Twice Daily

THIS YEAR **OCT. 4-10** WATERLOO IOWA

DUROC SALE

At the farm, ½ mile west of

CALUMET, IOWA

MONDAY, OCTOBER 4

45 BOARS — 10 GILTS

THE FUTURE

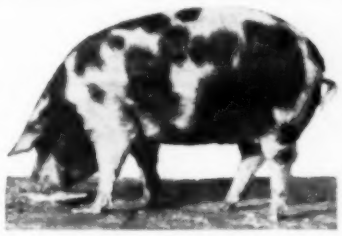
A well grown offering that have the natural width and depth which is so important in the feed lot. Dark red color and selected with care to satisfy the needs of the farmers. They are sired by **THE FUTURE**, a great boar in his own right and one who won a host of friends at the State Fair. We will also have about 10 boars sired by **MR. BLUE PRINT**, one of the top sires in north central Iowa who has proven his ability in siring the right kind of Durocs. This offering will please those that are interested in producing better hogs. Write for **FREE** catalog. Please mention this paper.

WALTER RIEBESELL, CALUMET, IOWA

Send bids to Maurice Boney, Fieldman, in our care

QUALITY

SPOTTED POLAND CHINAS



At farm, 1 mile north, 4 miles east, and ½ mile north of

MALLARD, IOWA

FRIDAY NIGHT, OCT. 8th

50 — BOARS — 50

Large, well developed boars with smoothness and quality that will please the farmers and breeders. Our hogs have that feeding quality necessary with which to make fast gains in a shorter period of time. They are wide, deep and thick. The offering is sired by the noted **BIG CHIEF**, a proven sire of extreme merit who consistently sires the popular kind. They are out of dams by the sensational **ROCKET**. New blood for our old customers. There will be plenty of the farmer type boars at your own prices. Plan now to attend. Write for **FREE** catalog, mentioning this paper.

FRED F. GOODCHILD & SONS, MALLARD, IOWA

Maurice Boney, Fieldman

—PUT SOME OF THAT EXTRA CASH INTO SECURITY BONDS—

ANXIETY 4th BRED HEREFORDS

In Sale Pavilion

AUDUBON, IOWA,

THURSDAY,

SEPT. 30th

65 HEAD STRONGLY-BRED ANXIETY 4th CATTLE

13 Good Bulls — 18 Cows, 14 Have Calves at Side

17 Attractive Open Heifers — 4 Bred Heifers

I have been breeding **Herefords** for a number of years in a quiet way and have been selling my surplus privately and decided to make a sale . . . hence this auction. A choice offering both individually and in breeding . . . all **ANXIETY** blood lines . . . the foundation came from leading herds. The **13** bulls are from **12** to **14** months of age and include herd-heading material. The bulls and heifers are sired by **PRINCE MISCHIEF 62d** 2714320 and **MODEST LAMPLIGHTER 41st** 4326522. Most of the calves at foot are by **D. LAMPLIGHTER 40th**, a son of the Mousel Domestic Lamplighter. PRINCE MISCHIEF 62d was bred by E. F. Hutt and purchased in the W. H. Hargis Dispersion in 1944. I have used 5 **MOUSEL** bred bulls since 1933. Breeding unsurpassed. Cattle that will please. Plan now to attend. Ask for **FREE** catalog. Please mention this publication.

C. H. WOOSTER & SONS, MANNING, IOWA

Auctioneers, Fred Chandler and Earl Garroutte. M. T. White, Fieldman

WIESE BROTHERS AND NEIGHBORS

HEREFORD SALE

At Wiese Brothers farm, comfortable building located 15 miles northwest of Davenport on all-weather road

DONAHUE, IOWA
Wednesday, September 29th

48 HEAD—19 SPLENDID BULLS; 29 DESIRABLE FEMALES

A FAIR SAMPLE OF THE HIGH CLASS FEMALES PRODUCED ON THE WIESE FARM. YOU CAN FIND THIS QUALITY HERE.

A choice lot of highly-bred cattle from **ELMER** and **ROY WIESE**, with the following neighbors listing desirable cattle: **EARL HARRING**, and **WALTER GRIEP**, DeWitt; **EARL McGINNIS**, LeClaire; **CHAUNCEY & LYMAN "Slim" MEYER**, Bellevue; **FRAND & LEONARD NEFF**, Grand Mound; and **CLARENCE F. PAULSEN**, Stockton, Iowa. The 19 bulls include yearlings ready for service to calves, some real herd bull prospects. The 29 females include 20 attractive open heifers and 9 bred cows and heifers, bred to **JUPITER MISCHIEF**, **SILVER REAL**, and **BATTLE PRINCE D. 2d**. The sires represented are **REAL PRINCE DOMINO 3rd**, **REAL BRUCE D. K. 11th**, **REAL BRUCE D. K. 16th**, **REAL BRUCE D. K. 43rd**, **DON BLANCHARD 9th**, **BLOCKY MISCHIEF 7th**, **ELECT DURATION**, **DOMINO LETSTON 2d**. Breeding unexcelled. Breeders and farmers can secure seed stock here at a reasonable price. Plan to attend. Ask now for **FREE** catalog. Please mention this publication. Address

WIESE BROTHERS, DONAHUE, IOWA

Auctioneer, J. E. Halsey

SPOTTED POLAND SALE

SATURDAY, OCTOBER 9th

At farm, 1:00 P. M.

LAKE LILLIAN, MINNESOTA

80 HEAD — BOARS — GILTS

This will be one of the best lots to sell this fall. Sired by **GRAND MASTER**, the Illinois and Indiana champion; the 8800 **GOLDEN LAD**; and **KING COPPER**, the Nebraska Jr. champion. There will also be top herd boar prospects and broody gilts sired by other boars of leading blood lines . . . 10 different blood lines . . . new blood for old customers. Write for **FREE** catalog, mentioning this paper.

ALBERT KREMER, LAKE LILLIAN, MINNESOTA

QUALITY WESTERN FEEDER

LAMBS-CATTLE

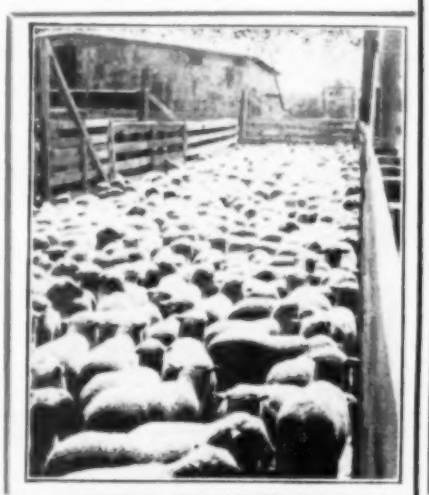
50-100 CARS IN TRANSIT DAILY

ORDER NOW FOR DESIRED WEIGHT AND QUALITY

Immediate or future delivery. Choice feeder lambs and cattle from our more than 30 buying points in the best producing regions of the intermountain and range states.
Truck or carload lots, carefully graded and sorted.

The Corn Belt's Reliable Livestock Distributors

WRITE US



PETERSEN

SHEEP CO. CATTLE CO.

HOME OFFICE - SPENCER, IOWA

Yards also at Des Moines, Schaller and Washington, Iowa

66TH SALE FOR MARSHALL COUNTY

Shorthorn Breeders

To be held in Marshalltown's large livestock auction barn, Iowa's most sanitary pavilion, located east edge of city on 18th Avenue.

MARSHALLTOWN, IOWA

Monday, September 27

72 LOTS

39 BULLS—MOST ALL READY FOR SERVICE

33 FEMALES—10 COWS WITH CALVES AT FOOT
CHOICE BRED COWS AND HEIFERS AND OPEN HEIFERS

One of the oldest Associations in the state where dependable breeding cattle have been produced and sold for many, many years. Three **POLLED SHORTHORN** cows with big lusty calves. The other females include a choice daughter of **SUPREME GOLDFINDER** and others of like breeding. Several **4-H CLUB** calf prospects, and they invite others who desire to sell. Good bulls are plentiful, one two year old son of **BAMPTON MAJOR** (Imp.). A bull for every need. Females include good cows with calves, fine bred cows and heifers, mated to top sires and attractive open heifers. The consignors are:

	Females	Bulls		Females	Bulls
GLEN BACON, Parkersburg	5	0	JESS GLENN, Mitchellville	0	1
L. C. BOLSON, Decorah	0	2	MRS. E. A. GUNN, Iowa Falls	0	1
L. H. GERKE, Cambridge	0	2	WILLIS NEW, Nevada	0	2
C. E. PIERCE, Columbus Jct.	3	4	HARRY PAUL, Haverhill	0	2
E. L. WILLIAMS, Marshalltown	4	0	JOHN N. LONG, Madrid	0	1
GEO. H. LEWIS, Marshalltown	4	2	RAY MITCHELL, Charles City	0	1
M. W. STOVER, Marshalltown	2	0	I. H. & CARL WHITMAN, Lisbon	1	2
J. R. FLEMMING & SON, Gladbrook	3	2	RALPH PEAK, St. Charles	4	0
OSA COLLINS, Keswick	0	3	C. V. JOHNSON, Pilot Mound	2	2
R. H. SCHMIDT, Floyd	0	4	REECE & PROCHASKA, New Providence	2	0
BRAYWOOD FARMS, Oskaloosa	0	3	PETE HARDEMAN, Montezuma	0	2
C. E. FAULKES, Mitchellville	0	3	OSCAR VAN DE WALLE, Tama	2	0

C. E. KASISCHKE, Radcliffe — 3 females

The 25 herds have catalogued some well-bred cattle and they will be presented in good thrifty breeding condition. . . . just right to go out and make money for the buyer. A good place to buy cattle. The large number affords a wide selection. All **T. B.** and **BANG'S** tested. Plan now to attend. Ask for **FREE** catalog. Kindly mention this publication. Address

GEO. H. LEWIS, Rt. 1, MARSHALLTOWN, IOWA

Auctioneer, Clair Mason J. E. Halsey, Fieldman

IOWA'S GREATEST CHESTER WHITE BOAR and GILT SALE

Formerly held at Dairy Cattle Congress, Waterloo, Iowa, but held this year in Pavilion at

Independence, Iowa Night Sale **Wed., Oct. 6th**

SALE 7:30 P. M.

50 Top Boars — 100 HEAD — 50 Choice Gilts

They are sired by **THE CHAMP, CHAMP'S SUCCESSOR, INVINCIBLE, COMPACT MODEL** and **WHITE GOLD.** Chester Whites are winning more barrow and dressed carcass prizes than all other breeds combined. I am proud to say I have bred and raised more of the top herd boars at head of most constructive herds in **MIDDLEWEST.** Every year top breeders of the breed buying their seed stock from this herd. **50 BOARS** . . . a credit to the breed. Last word in Herd Boars . . . low-down, long, deep bodied, smooth, wide and with bulging hams, plus **A-1** heads, feet and legs and with quality to burn. **50 GILTS.** . . . Here and here alone you can secure top open gilts. I sell all, none reserved as I am keeping all old sows over for 1949 plus many 1947 fall sows. Best breeding I expect to sell in a long time. In 1946 and 1947 I broke the World's selling record of the breed. Come to an even **GREATER** sale October 6th. Everything guaranteed in every way.

Ask for **FREE** catalog now. Please mention this publication. Address

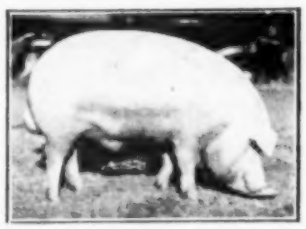
ROBERT LANIGAN
Fairbank, Iowa

Auctioneer, Tom Sherlock
M. W. Boney, Fieldman

CHAMP'S SUCCESSOR, my 1947 first prize Sr. boar pig at Iowa State Fair. Featured in this sale an outstanding litter by Successor and out of the $500.00 Junior Champion Sow. See these.

HIGH QUALITY

CHESTER WHITES



IOWA CHIEF, 1st Senior Yearling and Reserve Grand Champion at 1948 Iowa State Fair. A great sire. You will like his progeny.

Sale at farm, located east of Marshalltown on Highways No. 64 and No. 30, just west of

LeGrand, Iowa

WEDNESDAY, OCTOBER 6

50 Tops Selected From a Truly Great Herd

A herd where top quality **CHESTER WHITES** have been produced for many, many years and this is one of the finest offerings we have ever presented. They are tops from a large number of spring pigs . . . only the best are catalogued. They are sired by **IOWA CHIEF,** 1st senior yearling and reserve grand champion at 1948 Iowa State Fair (illustrated here), **SPOT LIGHT** 564969, the sire of 1st prize **Produce of Dam.** Futurity litter and reserve Junior champion sow at 1948 Iowa State Fair, and **FASHION'S MODEL** 549285. Three litter mate boars and five litter mate gilts to the 1948 Iowa State Fair grand champion Chester White barrow and Reserve Grand Champion barrow over **ALL BREEDS.** The sort you will like. The **MONEY-MAKING** kind. Plan now to attend. Ask for **FREE,** beautiful illustrated catalog. Kindly mention this publication.

C. T. KEEN & SONS, LE GRAND, IOWA

Auctioneer, Clair G. Mason Send bids to Maurice W. Boney, Fieldman, in our care

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CHESTER WHITE SALE

East edge of

CENTER JUNCTION, IOWA
OCTOBER 7th—1:00 P. M.

30 BOARS — 30 GILTS

Well grown thick boars and gilts from the herd that exhibited Grand Champion Barrow and Grand Champion Pen at the 1948 Iowa State Spring Show. 60 per cent of our offering are the same blood lines as these barrow champions. The offering is sired by **GOODWILL ELMO,** the sire of the real farmer type, and by **TRUE ACE,** the sire of our 2nd prize Sr. spring boar and 5th place gilt at the recent State Fair. Boars and Gilts to fill the needs of the farmer and breeder. New blood for old customers. Write for **FREE** catalog and please mention this paper.

SEEHUSEN & JAMIESON, CENTER JUNCTION, IOWA

CHESTER WHITES

Sale at farm 2½ miles west of

LAKE MILLS, IOWA
OCTOBER 2nd

40 Spring Boars

Large, well-balanced boars by HILLSIDE CHAMPION, a grandson of Hillside Acre. We showed Grand Champion Pen of Three, and Grand Champion Individual Barrow, at State Barrow Show, Albert Lea, Minn. They were by HILLSIDE CHAMPION . . . . real outstanding boar admired by everyone that have seen him. He is real smooth, heavy boned, deep bodied . . . with all the merits of a real herd boar. You will like his progeny. You can find the kind you want here. Plan to COME. Ask for FREE catalog. Please mention this publication. Address

A. L. BIDNE & SON **LAKE MILLS, IOWA**

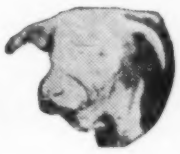
SAFETY FIRST!! Do your buying from firms advertising in Wallaces' Farmer and Iowa Homestead. If you do not find in Wallaces' Farmer and Iowa Homestead the articles you want to buy, just let us know what you want and we will be glad to give you names of reliable firms.

PUTNAM & HARLEY'S DISPERSION

ANXIETY BRED HEREFORDS

BEDFORD, IOWA

THURSDAY, SEPTEMBER 30



30 COWS, 11 HEIFERS, 3 BULLS

Our herd was started in 1910, and when we laid the foundation for our herd we bought from the most noted herds in those days and always bought the very best cattle, and in consequence we have had one of the best herds in southern Iowa. Among the herd bulls that we have used in our herd was **Future Mischief**, bred by Mousel Bros., and we used him three years and he left us a lot of good cattle. Then we used **Domino Beau Mischief** by old Beau Blanchard, and later we bought **Beau Gaston 718th**, a Beau Gaston bull from George Atotey & Sons, and the bull we are now using is **Larry Blanchard 2d** from John Wisdom herd, and this bull is selling in this sale. He is a splendid breeding bull and there will be 25 cows in the sale that will have calves by him, and a few others in calf to him. The cows that we are selling are an excellent lot, mostly with nice drooping horns, good individuals, and in good condition. You will like these cows and you are going to like the calves that sell with them. You are going to find about as many of the two-in-one kind in our sale as you will find in any offering this fall. There will be two yearling bulls, and there are a lot of good bull calves that will sell with the cows. Then there are **11** nice yearling heifers in this sale that will appeal to anybody looking for choice heifers. We are selling the whole herd as we are retiring from the business. Now if you are looking for some real bargains in Hereford cattle make it a point to attend our sale. Write for our FREE catalog at once and please mention this publication. Address

PUTNAM & HARLEY, BEDFORD, IOWA

Auctioneer, J. E. Halsey

MINNESOTA NO. 1 HOGS

SEPTEMBER 27th

At the farm, ¼ mile north of MT PLEASANT, on U. S. Highway 218

24 BRED SOWS **5 SPRING GILTS**
14 WINTER BOARS **17 SPRING BOARS**
1 HERD BOAR

A Real Opportunity to Buy Foundation Breeding Stock

The offering is sired by such outstanding breed boars as: C54, A631X, B882, 4-101, 2-510, 49-06, and 15-341. This assures ample opportunity to buy unrelated sows and boars. All are registered or eligible to register.

COMMERCIAL HOG MEN, AND FARMERS

The MINNESOTA NO. 1 breed was selected on the basis of performance. The Points selected for were: 1. Fertility—size of litter. 2. Survival. 3. Rate of growth. 4. Economy of gain in weight. 5. Body conformation—a quality hog—one that yields a high percentage of lean meat. The winter boars are big, rugged boars that will average 350 lbs. by sale day and will be able to service a large herd of sows. The bred sows will farrow shortly after sale date. **A real opportunity** to start a herd quickly. The spring boars are a husky lot and afford a real opportunity for you **FFA** and **4-H** boys to start a herd.

DISPLAY OF VARIOUS BREEDS OF BACON TYPE HOGS AND DISCUSSION BY LEADING PRODUCERS AND MEAT PACKERS BEFORE THE SALE. DON'T MISS THIS.

Ask for free catalogue
Sale starts promptly at 1:00 P. M., rain or shine

McALLISTER SEED FARMS, MT. PLEASANT, IOWA

GUY PETTIT, Auctioneer

Send mail bids to Box 28, Mt. Pleasant, Iowa

R. V. BUNTING & SON'S SALE

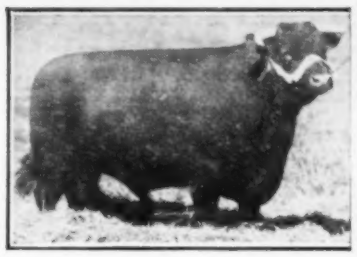
SPOTTED POLAND CHINAS

30 BOARS — 30 CHOICE GILTS

CORNING, IOWA, OCTOBER 5, 1948

Sale will be held at our farm, 5 miles east and 2 miles south, of Corning, Iowa. Our offering, we think, is the best we have ever catalogued for a public sale. We are selling 30 boars and 30 gilts, and these are sired by Major Type and Major Charm. These are all March farrowed, and have ample scale and plenty of quality. Our herd boar Major Charm was the top boar in the Ruddy Jordan sale. Major Type is a grandson of old Spotlight. You will like our offering. Write for catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

R. V. BUNTING & SON, CORNING, IOWA



DIVIDE SERGEANT, a son of Duke of Killearn. His Get are in sale.

COMELY VALE FLASH, a son of Marshall Command. You will like this type.

SHORTHORN SALE!

Sale at Kardel farm, located 10 miles northwest of Davenport and 5 miles northeast of

WALCOTT, IOWA, WEDNESDAY, OCTOBER 6th

44 HEAD, 17 CHOICE BULLS, 27 EXCELLENT FEMALES

GILBERT KARDEL, 20 head, 8 splendid bulls by **MARELLBAR REWARD**, (Illustrated here) a half brother to Marellbar Mandate, the sire of the 1947 International Grand Champion female. 12 females, 6 beautiful bred heifers mated to **REWARD IMAGE**, 5 grand cows well forward in calf to him. They are daughters of **DIVIDE SERGEANT**, a son of Duke of Killearn and **DIVIDE LORD GOLDSPUR**. The families are **AUGUSTA ROSEWOOD, LAVENDER, CLIPPER, BEAUTY** and **RUBY**. Good breeding cattle.

PENNINGROTH BROS., 16 lots, 4 desirable bulls, 2 sons of **MILES OF VIEW PRINCE**, a son of Imp. Cairossie Prince Peter. 2 are by **DIVIDE GOLD CADET**. 12 richly bred females, the finest Canadian-blood lines. 7 grand cows one with calf at side by **MILES OF VIEW PRINCE** and 5 fine heifers. All are bred to **IMP. ICENI COMMODORE**, a good grandson of Cairossie Randolph and **BUGLER'S ROYAL FLUSH**, a real herd bull prospect.

CARLTON A. REED, 8 head, 5 top quality dark red bulls, ready for service. They are rugged, low-set, plenty of bone and weight for age, 3 by **MARSHALL COMMAND**, a grandson of the International Grand Champion Campbell's Command. 2 by **RINGLEADERS COUNT**. Real prospects. 2 choice heifers bred to **MARSHALL COMMAND**, one a Princess Victoria out of a dam by Imp. Cruggleton Actot. A splendid Augusta cow with July red bull calf at side and rebred. Plan now to attend. Ask for **FREE** catalog. Please mention this publication. Address either

GILBERT KARDEL Walcott, Iowa — **PENNINGROTH BROS.** Wellman, Iowa — **CARLTON A. REED** Bellevue, Iowa

Auctioneer, J. E. Halsey

MARELLBAR REWARD, sire of many choice young cattle selling

BUGLER'S ROYAL FLUSH, several of the families carry his service.

NELSON & PAULSEN'S SALE

SPOTTED POLAND CHINAS

40 Boars — 20 Gilts

BLAIR, NEB.

TUESDAY, SEPTEMBER 28

Sale will be held at the farm, one mile west of Blair, on Highway 91. Sale begins at 1 o'clock sharp. These are the tops picked from 150 head. Most of these are sired by the $1,000 boar New Design; others will be by Valley View Supreme, Modern Prince and Stardust, and they are out of dams by New Glory, Maestro and Domino. This is by far the best offering we have ever offered at public auction. Write for catalog and please mention Wallaces' Farmer and Iowa Homsetead. Address

NELSON & PAULSEN **BLAIR, NEBRASKA**

Taylor, Martin and Goodrich, Auctioneers

PAW TUCKER—Paw Finds That "Pride Goeth Before a Fall"

BETTER DUROCS

Farm 3½ miles north on Highway No. 136

DYERSVILLE, IOWA

TUESDAY, OCTOBER 5th

60 HEAD — 35 BOARS — 25 GILTS

One of the finest offerings of the year, all spring farrow and well-grown, pleasing in type and quality. We sell our **JUNIOR** and **GRAND CHAMPION** boar at **ALL-IOWA FAIR**, where 40 were shown. Also our 3rd Senior boar at 1948 Iowa State Fair with **100** in class and his litter mate that stood 6th. The two litter mate gilts stood **4th** and **7th**, they sell. All are by **TOP SET**, the 1947 Iowa State Fair 1st prize aged boar, many others by same sire. Others by **FLASHY BUTCH**, the famous 1947 Minnesota Junior Champion, and a member of the Highest selling litter in 1947. You can find what you desire here. **COME!** Ask now for **FREE** Catalog. Kindly mention this publication. Address

GREGOR F. VASKE & SONS, DYERSVILLE, IOWA

Timm's Duroc Sale

Sale at farm, 3 miles west on Highway No. 22

MUSCATINE, IOWA

FRIDAY, OCTOBER 8th

35 TOP BOARS — 25 CHOICE GILTS

A great offering selected from over **300** top spring pigs. All well-grown but not overdone. We feature a wonderful **TON LITTER** sired by **TALLY-HO**, a great sire. 6 boars and 6 gilts. Their Dam was grand champion at West Liberty Fair. We also sell our **1st** and **2nd** prize Junior pigs at **ALL-IOWA** fair. They are sired by **TALLY-HO** 305576, **SNAPPY** 341963, **ACE-WAY** 328445, **DOUBLE DECK** 341933, **QUALITY IMPROVER** 341977, and **TOP CIMMARON 2d** 315153. Breeding unsurpassed. The quality will please . . . they will do well on your farm. **COME!** Ask now for **FREE** catalog. Please mention this publication.

HAROLD C. TIMM, MUSCATINE, IOWA

MODERN TREND

DUROCS

Sale at farm located on Riverside-Washington gravel road, 10 miles Northeast of Washington and 10 miles Southwest of

RIVERSIDE, IOWA

SATURDAY, OCTOBER 9th

60 HIGH CLASS BOARS AND GILTS

MODERN TREND'S RECORD

Champion Boar and Gilt at Central Iowa Fair. Champion Duroc Barrow at 1948 Iowa State Fair. First and 2d, light weight Barrows; 1st light weight pen, 3rd and 5th heavy weight barrows; 1st heavy weight pen of barrows, Grand Champion Duroc pen at 1948 Iowa State Fair. The 4th and 7th Cross Bred Barrows and 2d Pen was sired by his SON.

Grand Champion Individual and Grand Champion heavy litter at Washington County, sired by a boar purchased from our herd. The County Champion litter and County Champion Breeder-Feeder litter sell. Watch the winnings of the progeny of **MODERN TREND** at major shows.

We are selling the greatest offering we have ever sold. Breeding that will assure their breeding value. **COME.** Ask for **FREE** catalog. Please mention this publication.

KNOTEK BROS., R. 1, RIVERSIDE, IOWA

DUROC SALE

At the farm, on Highway 75, 3 miles north of

SIOUX CENTER, IOWA

OCTOBER 5

60 BOARS — 10 GILTS

Nothing but the tops will sell as we have selected with great care from our 480 pigs raised on the three farms. The offering is well grown, dark red in color, and have deep long bodies. We are offering 8 top herd boar prospects by the 1947 Iowa Jr. Champion, **FLEETLINE**. Then we will have outstanding boars by **THE PILOT**, **BROAD FANCY**, **GRANDMASTER**, and **MARVEL KING**. The middle of the road kind that do well for others. A good selection for the farmers. Ask for **FREE** catalog, mentioning this paper.

BERT BROEK & SONS, SIOUX CENTER, IOWA

Auctioneers, John Hall and Herman Klein

GOOD QUALITY DUROCS

In F. F. A. Building

IOWA FALLS, IOWA

OCTOBER 4th

50 HEAD, 25 BOARS, 25 GILTS

A grand offering selected from a large number and mostly sired by **BREEDER'S FANCY BOY** and **LEADING PROMOTER**, a son of the 1948 Minnesota Grand Champion. One outstanding litter, 6 boars and 3 gilts, **KAYWARD LEADER**, the 1948 Iowa Reserve Grand Champion. One choice litter by **INVINCIBLE SPECIAL**, the $1,000 boar. Included is the **1st** prize Futurity senior spring gilt at 1948 Iowa State Fair and several litter mates. Others of like merit. If you like Thick Durocs, with plenty of Ham and smooth, you can find them here. Plan to attend. Ask for **FREE** catalog. Please mention this publication. Address

WILLARD C. KLEIN, R. 1, IOWA FALLS, IOWA

CHOICE QUALITY HAMPSHIRES

OCTOBER 5TH — NIGHT SALE

WAYLAND, IOWA

59 BOARS — 30 GILTS

Selected with care from a large number and include the Junior Champion gilt at 1948 Iowa State Fair by **THE MARKER 300511**, a son of The Fixer, that sired the Junior and Grand Champion boars at Iowa State Fair. A few splendid ones by **THE MORTGAGE LIFTER 402181**. Breeding unsurpassed. They will please the hog producer. **COME.** Ask now for **FREE** catalog. Please mention this publication.

E. R. BRENNEMAN, WAYLAND, IOWA

Advertisement

From where I sit ... *by* Joe Marsh

It's Leap Year, Girls!

First girl in our town to "get her man" on Leap Year was the Cummings' daughter, Sis, who wed Red Webster's boy last Saturday.

When I asked Red Jr. if it was true that Sis really did the proposing, he said: No, but she made it plain she'd make an ideal wife. Instead of looking for diversion or excitement every evening, she was content to chat beside the fire.

"I could plainly see," says Red, "that we'd really have a happy home life—which is just exactly what I want from marriage."

I know it's usual for older folks to shake their heads over the younger generation. (It's gone on for hundreds of years, now.)

But from where I sit, young people of marrying age today are every bit as commendable as their elders were—in their temperance (a glass of beer for instance), tolerance, and common sense. So to Sis and Red—the best of luck!

Joe Marsh

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ERNEST McDERMOTT'S SALE

PRIZE WINNING DUROC JERSEYS

50 HEAD — 30 BOARS, 20 GILTS

ANITA, IOWA, OCTOBER 7th

Many of these boars and gilts are related to my prize winning sow at Des Moines, and they are sired by Royal Marksman, one of the best boars I have ever used in my herd. Others are sired by True Mold, and Lammer's Star Model. Our herd is one of the oldest in the state of Iowa. For the past fifty years my father and myself have been breeding Duroc Jerseys at this point and we have bred some of the best. You can bank on it that you will see a splendid offering in my sale. I think as good as I have ever sold in a public auction. I have some boars that will make sire herd boars for anybody that is looking for that kind. Nobody is selling a better offering this fall. Write for my catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

ERNEST McDERMOTT, ANITA, IOWA

Auctioneers, McMurray and Goodey M. T. White, Fieldman

NORTHWEST MISSOURI

Shorthorn Breeders Assn., Inc.

(In comfortable sale pavilion)

SHOW 9:30 A.M. and **SALE 1:00 P.M.**

Rock Port, Missouri, Monday, October 4th

24 RUGGED BULLS — 32 DESIRABLE FEMALES

A choice selection for the Annual fall sale, drawn from 17 of the leading herds in this section, where top quality SHORTHORN cattle are produced. Bulls most all ready for immediate service and outstanding herd bull prospects. Females include cows with calves and bred, bred cows and heifers to the best herd sires and attractive open heifers. All rich in pedigree. Sires well represented are **HELFRED GOLDEN PRIDE**, **PRINCE PETER PRIDE**, **JASPER'S MAJESTIC**, **GOLDFINDER AVONDALE**, **BARONET ACTOI'S F.M.'s CRUSADER**, **VILLAGE FASCINATION**, **SUPREME COMMANDER**, **SUPREME COMMODORE**, **ROANRIDGE GOLDEN CHARM**, **GOLDFINDER CLIPPER**, **GLASTULLICH BONDSMAN**, **SNI-A-BAR GOLDEN ARCHER KEYSTONE ROBIN 3rd**, **DREADNAUGHT SOVEREIGN**, **GALLANT VICTOR**, **MARGARETASS ASPIRATION**, **GOLDFINDER BONDSMAN**, **SNI-A-BAR ROYAL CROWN**, **MILES OF VIEW PETER**, **GOLDFINDER CHAMPION**, **CLARA'S GOLDFINDER**, and **GOLDFINDER DREADNAUGHT**. Breeding unsurpassed. For cattle will please. **COME!** Ask now or **FREE** catalog. Kindly mention this publication. Address

JAMES MEYER, Mgr. R. 1. Auctioneer J. E. Maloney **MARYVILLE, MISSOURI**

SALE CIRCUIT: Sept. 28, Missouri State sale, Chillicothe, Mo., Oct. 2, Holz Bros., Ripley, Iowa

MINN. No. 1 AND No. 2

BOAR AND GILT SALE

Thursday, Sept. 30

50 Minn. No. 1 boars and gilts with Record of Performance, sired by littermates of sires being retained in the University of Minnesota's herd.
20 Minn. No. 2 boars and gilts, dams and sire originally selected for the U. of M.'s breeding stock.

Write for FREE catalog. Please mention this publication

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—PUT SOME OF THAT EXTRA CASH INTO SECURITY BONDS

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Yearling Shropshire and Hampshire Rams

PERCHERONS

Ten-year-old grey stallion; 7-year-old black mare with silly foal at side; one 4 and one 2-year-old grey mares. Inspection invited.

DAIRY BULLS

Two to 8 months of age. Holstein, Guernsey, Jersey, Brown Swiss and Ayrshire breed.

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Iowa State College Ames, Iowa

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JERSEY BULLS

Registered bull calves. Every calf from a good cow. Herd averaged 420 lbs. butterfat per cow for 13 years. Herd free T.B. and Bangs

J. J. NEWLIN
Polk County Johnston, Iowa

GOLDEN SUNSET JERSEYS

Send for September list of young bulls and bull calves. Several special bargains for quick sale. Beef production, correct type, best breeding. All prices reasonable. ENNIS STOCK AND DAIRY FARM, FESTUS, MO.

REGISTERED JERSEYS

Some of our recent bull sales have been to:
Mr. Chester Thoreen, Brule, Wisconsin
Mr. Lyle Wood, Waseka, Minnesota
Mr. Harlan Wittstruck, Roca, Nebraska
Red Average: 536. Classification Average: 86.50
EVERETTE DAVIS, CRAWFORDSVILLE, IOWA

HEREFORDS

HIGH GRADE

HEREFORD CALVES

Choice 300 to 500 lbs., always on hand for sale. Getting on our alfalfa brome pastures. Rugged bulls used on our Iowa ranches. These are sure MONEY-MAKERS. Reasonable FARMER'S prices. Location, east on Lafayette Street and Raymond Road, end of paving, south ½ mile (State Highway 297). Phone 2-6585.
RAYMOND DuPRE Box 147, WATERLOO, IA.

12 CHOICE HEREFORD BULLS FOR SALE

I am now offering 12 choice yearling bulls for sale, sired by Anxiety bulls and out of Anxiety cows. Some good enough to head herds. Write or come and see me.
D. E. SPOONER MONDAMIN, IOWA

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GENUINE ENGLISH SHEPHERD PUPS

Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.
HIGHVIEW KENNELS, CEDAR FALLS, IOWA

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ENGLISH SHEPHERD PUPS

Guaranteed to bring home the cows. Year's trial. Choice of sex. Spayed females a specialty. Breed right.
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Purebred Border Collies English Shepherds
America's most useful dogs. Puppies all ages. Both sexes. Choice colors. Faithful workers. Satisfaction guaranteed.
We breed and sell our own stock.
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ENGLISH SHEPHERD OR COLLIE PUPS for farm and stock. Also registered Scotch collies. Reasonable.
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Good English Shepherd or Collie Pups
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Workers—Companions—Guards. Write for free lists.
SHOMONT FARMS AND KENNELS
MONTICELLO IOWA

OUR ADS ARE NEWS

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Winning this coveted honor over all Breeds at 1948 Iowa State Fair

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It Will Pay You To Use A Berkshire Boar

The Ideal breed for CROSS-BREEDING

BERKSHIRES made a Record at

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A Purebred Berkshire

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Sired by a Purebred Berkshire Boar

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Sired by a Purebred Berkshire Boar

Champion F. F. A. Pen of Barrows
Sired by a Purebred Berkshire Boar

Raise The Kind They Want
Use a Berkshire Boar

Grand Champion Pen of Barrows, over all breeds, at 1948 Iowa State Fair. Purebred Berkshires shown by Hi View Farms, Eagle Grove, Iowa.

POCAHONTAS BERKSHIRES

Farm 6 miles west, 2¼ miles south.
Top boars and gilts for sale. Priced to sell.

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BONNIE ACRES FARM

Farm 1 mile south, 1 mile east and 4 south on No 59, and ¾ mile west. Choice boars for sale. Bred sow sale Feb. 18th.

HOLSTEIN, IOWA

ALEX CONOVER

1 mile south, 1 mile east, 4 south on No. 59 and 2 west, ½ south.
Choice Boars for sale. Bred sow sale Feb. 18th.

HOLSTEIN, IOWA

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Farm 1 mile south. Breeding stock for sale at reasonable prices. Good breeding.

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Farm located ½ mile south and 3¾ east.
Excellent boars and gilts offered. Best blood lines.

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Farm 2 miles North on No. 14, and 2d farm west.
Well-bred breeding stock offered.

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EAGLE GROVE, IOWA

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Farm 3 miles west, 5 south and ¼ east. Boar and gilt sale **Night of Oct. 12.** Ask for **FREE** catalog.

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Farm located 2 miles west and 1½ miles south. Breeding stock rich in pedigree offered. Come.

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Farm located 3 miles south on No. 17. Choice breeding stock for sale. Priced right.

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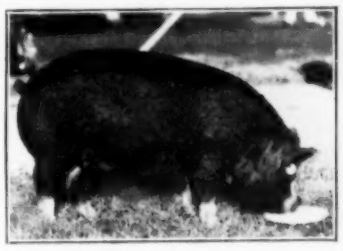
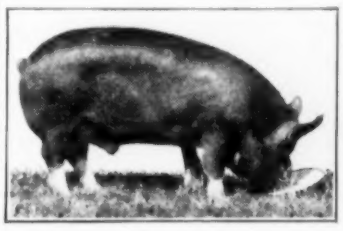


Grand Champion Barrow over all breeds, 1948 Iowa State Fair. Purebred Berkshire shown by Hi View Farms, Eagle Grove, Iowa.



Grand Champion 4-H Barrow over all breeds. Purebred Berkshire. Shown by Larry Herbold, Colfax, Iowa.

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Farm 4 miles north on Gilman-Ferguson road; or 3½ northeast of Laurel. Dependable boars and gilts for sale.

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Farm east of town. One of the **good herds** with boars and gilts offered.

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Farm 9 miles west, 2 north of Winterset. Breeding stock for sale. Bred sow sale in **February.**

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Farm 1 mile south on No. 261. Boar and Gilt sale **Oct. 16.** Ask for FREE catalog.

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Farm 3 miles east and 1¾ south. Choice breeding stock for sale. Phone State Center 404. Bred Sow sale **Feb. 15th.**

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Eugene E. Fitz, Secretary Melbourne, Iowa

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Very choice Ayrshire dairy heifers. $35 and upward. Also a few Guernseys.
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All ages. Some bred. Good breeding. Sold on approval.
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HOLSTEIN BULLS
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Service or near service age. Popular blood lines. A. R. Dams. Also several spring cows, bred heifers and heifer calves. Negative all tests.
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15 SHORTHORN BULLS
Choice, well bred Scotch bulls, red and roan, sired by **GOLDFINDER IMAGE** and **GOLDFINDER AGAIN**, and out of my best Scotch-bred cows. If you are looking for a good bull, come see them. I can fit you out. Act now.
PHIL FUNKE GREENFIELD, IOWA

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LAMONI, IOWA
Breeder of strictly high class Scotch Shorthorns. Our herd bulls are **VICTOR'S MANDATE**, a son of Haigler's Victor 2d and **NEWALLYN ROSEWOOD KING** by Newallyn Crocus King. Families: Rosewoods, Augustas, Claras, Princess Royals. Will have some outstanding club steers for sale this fall. Visitors always welcome.

POLLED SHORTHORN BULLS
Choice quality, rich breeding. Reasonable.
Phone, wire, or write
BERT A. HANSON
VERNON CENTER MINNESOTA

Forsythe Farms Shorthorns
Herd Bulls—**Ideal Renown** by OAC Ransom 23d, **Don Hill Mercury 22d**, he by Dr. Donohoe's noted Mercury bull. Something to sell all the time. Come and see us.
BOCHMAN BROS. HOLSTEIN, IOWA

ABERDEEN ANGUS

ABERDEEN-ANGUS BULLS
Choice registered bulls ready for service by **EMPEROR ELEATOR OF DOUNESIDE** (imp.), a McRoberts bred bull. He is siring some excellent calves. Also a few bred heifers of most popular Scotch and American families.
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GOOD ANGUS BULLS
Some choice Angus bulls for sale. Best of breeding and good individuals. Write or come and see them. Address
JOHN H. FITCH LAKE CITY, IOWA

MILKING SHORTHORNS

Iowa Breeders
Milking Shorthorn Sale
(Dairy Cattle Congress Grounds)
WATERLOO, IOWA
TUES., SEPT. 28th

40 Head—4 Bulls—36 Females

All cattle have been personally selected from leading herds, which will provide buyers with the best type cattle, which cannot be found at private sale. They are all young cattle, rich in breeding, cows in milk, others to freshen soon, bred and open heifers and several baby calves at foot. Good healthy cattle from reliable breeders, our annual sales are building confidence. Plan now to attend. Ask for FREE catalog. Please mention this publication. Address
HARRY CLAMPITT, Mgr.
New Providence, Iowa
BANQUET: Hotel Russell Lamson, Sept. 27th at 6:30 P.M. You are welcome.

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RAISE MILKING SHORTHORNS
4% MILK and GREATEST SALVAGE VALUE

Official as well as "on the farm" records under average farm conditions prove that Milking Shorthorns are best profit breed! Produce 4% milk and have greatest salvage value of all milk breeds! Get the FREE facts. Or read Milking Shorthorn Journal. Trial subscription 6 months, 50c; 1 year, $1.00.
AMERICAN MILKING SHORTHORN SOCIETY
Chicago 9, Illinois
4122 So. Union Ave. Dept. WF-52

PEERLESS AND BELLE VERNON HERD of MILKING SHORTHORNS
Because of ill health, retiring to smaller farm. Will sell nearly all the herd. **Bulls** 2 to 14 months old. **Females** 2 months to mature cows. Best of **Bates, Clay** and **Imported** English families, with highest milking ancestry possible to obtain. **Priced to sell.** Also **White Collie** Puppies, guaranteed natural heelers.
JOHN LOGSDON, Mgr. DECORAH, IOWA

MILKING SHORTHORNS
Choice bulls and females, desirable quality. **RUTH B.** blood lines, **21,641** lbs. milk and **956.7** lbs. butterfat. **REASONABLE.**
NAAB BROS. LAWLER, IOWA

Milking Shorthorn Bulls
Choice registered bulls sired by **PEERLESS CLAY CHIEFTAIN.** Calves to serviceable age bulls. Farm 1½ miles east of Luther, Iowa.
JOHN S. PAGE R. 1, MADRID, IOWA

POLAND CHINAS

HILLBROOK POLAND BOARS
Hillbrook Farms, formerly owned by Chas. F. Schrunk & Sons, now owned by **OTTO F. SCRUNK & SONS**, offer some outstanding boars with quality and popular blood lines as the farm has produced in the past **40** years. **REASONABLE.**
OTTO F. SCHRUNK & SONS
Mapleton, Iowa

POLAND SALE
On Home Farm
MONDAY, SEPTEMBER 27th
Forty spring boars, 4 fall boars, 10 spring gilts. The real Farmer and Breeder kind. All well-grown, extra large by **DIMENSIONS BEST, BROAD BOMBER, NEWSBOY** and **PRINCE FORMATION.** Ask for **FREE** catalog.
JOHN SUPPLE Ryan, Iowa
J. J. HUBER Coggon, Iowa

30 POLAND BOARS
I have 30 head Poland China boars that are ready to go. I have some grand good boars, well-bred and good individuals. Write to me or come and see my boars. Reasonable.
LYLE COCKERTON
WHITING, IOWA

30 POLAND CHINA BOARS, 30 GILTS
I am selling all my boars and sows at private treaty this fall and it will pay you to come and see me before you buy. I think I have what you are looking for. These are sired by medium type, quality Polands and are real bargains. Address
KENNETH MARSH LEHIGH, IOWA

Bolson's
MINERAL PROTEIN CONDITIONER
matures hogs quickly—saves time, labor, money!
Have your hogs ready for market 30 to 40 days earlier. This conditioner gives you more Minerals, Vitamins and Enzymes than any single protein, goes farther and accomplishes more. Ask Your Reliable Feed Dealer.
A NAME YOU CAN TRUST IN FEEDS
The L. C. BOLSON CO. DECORAH, IOWA

HAMPSHIRES

CHOICE HAMPSHIRE BOARS
We have some of the best we have ever raised. These are well-bred and good individuals. Come and see them and get your pick. Address
PHILLIP JOHNSON & SONS BLENCOE, IOWA

POWELL OFFERS HAMPSHIRE BOARS
If you are looking for a good Hampshire boar I have them for you. The best of breeding and good individuals. March farrow. Some great herd boars have been produced in our herd. We have some for you now and you should see them. Write or come and see them. Address **Dick Powell, Harlan, Iowa.**

STRUVE'S HAMPSHIRE BOARS
35 head of well bred and well developed Hampshire boars for sale. If you are looking for a good boar I certainly have them for you. Priced to sell. Address
ROY A. STRUVE MANNING, IOWA

CHESTER WHITES

SUNNYCREST FARMS
Sale at Farm, ¾ mile east of
Kingsley, Iowa, Tues., Sept. 28
Sale 1:00 P. M.
40 CHESTER BOARS, 10 GILTS
The pick of my herd, very choice individuals mostly by **SUNNYCREST SUPERIOR 558085** and **SUNNYCREST TOLUCA 541103.** Plenty of new blood lines for old customers. Ask now for **FREE** catalog. Kindly mention this publication.
R. A. RIEMENSCHNEIDER
Kingsley, Iowa

45 CHESTER BOARS
selected from over 200 spring pigs. **HELD'S MODEL,** son of $3,200 Portage Model, and **H. SPARKLER CHAMP** are crossing well on Balancer and other top blood lines. Priced to sell.
B. F. HELD & SONS
Hinton, Iowa

PRIZE WINNING CHESTERS
I am now ready to sell boars out of my prize winning sows. I had the grand champion at the Iowa State Fair this year. Offering some good prize winning boars. Write or come and see me. Address
ROY V. COPP GLIDDEN, IOWA

SPOTTED POLAND CHINAS

SPOTTED POLAND SALE
At farm, 3 miles northwest
OCTOBER 7th
55 choice boars, well-grown, excellent quality and leading blood lines. Ask for **FREE** catalog. Kindly mention this publication.
Arnold Krahmer, Fairmont, Minnesota

SPOTTED POLAND BOARS
Forty extra choice purebred spring boars, smooth, deep, heavy-hammed and long bodied, sired by **GOLD BRICK,** the 2d top in Woodyard's sale and **ACE OF DIAMONDS** from the Ed Warren herd. Come early and select the tops. Farm west of Iowa City. **Reasonable.**
Oren Neitderhisar Tiffin, Iowa

SPOTTED POLANDS
Choice spring boars and gilts, by **GLORY B.,** a son of New Glory, and **ROCKER FBI.** All well-grown, excellent type, style and quality. Reasonable.
R. W. HANSELL & SON, INDIANOLA, IOWA

Registered Spotted Polands
Sows and fall gilts bred for fall farrow. Also boars. A yearling boar unsurpassed in quality. First prize **4-H** litter **ALL-IOWA** fair was from bred sow bought from my herd.
PETER WITT KEYSTONE, IOWA

HEREFORD HOGS

HEREFORD HOGS
NEW! DIFFERENT! DISTINCTIVE MARKINGS!
SHIPPED C.O.D. YOUR APPROVAL
FREE CIRCULAR
VALEHURST FARMS, PEORIA, ILL.

MINNESOTA NO. 1 HOGS

MINNESOTA NO. 1 HOGS
Choice registered spring boars. Can furnish unrelated gilts. Six miles S. E. Cedar Rapids, one mile south of Bertram. Phone 3-8027.
WILLIAMS BROS., R. 3, CEDAR RAPIDS, IA.

MINNESOTA NO. 2 HOGS

MINN NO. 2 BOARS
March and April farrow
GORDON E. ANDERSON FAIRFAX, MINN.

MINNESOTA NO. 2 YEARLING BOAR
Immune
LYLE F. WELDY FAIRFAX, MINNESOTA

YORKSHIRES

PUREBRED
YORKSHIRE HOGS
Registered Breeding Stock of All Ages for Sale.
PORTER & SON ELDRIDGE, IOWA
8 miles north of Davenport

YORKSHIRE HOGS
"The Lean-meat Post-war Breed"
Bred gilts, pigs, unrelated boars. Illustrated circular.
YALEHURST YORKSHIRE FARM
PEORIA, ILLINOIS

BERKSHIRES

BERKSHIRE BRED SOWS
Choice Berkshire bred sows for September farrow. These are fall and tried sows and good ones. If you want them get in touch with me at once as I want to move them. Address
JOHN H. FITCH LAKE CITY, IOWA

DUROC JERSEYS

TOP QUALITY DUROCS
Forty big, dark red, medium type, spring boars. Mostly sired by Leaders King, an outstanding sire of big uniform litters. Write or visit our farm.
JIM HAGAN GLIDDEN, IOWA

DUROC JERSEY BOARS
Seven good fall boars for sale and they are good. Also **80** very choice spring boars that will make herd boars. These are sired by **Proud Seco Model, Profit Maker** and **Fairview Lucky Boy.** Write us or call and see them. Address
SAM ROBERTS & SONS JEFFERSON, IOWA

DUROC JERSEYS

DUROC JERSEY BOARS
At private sale. Well grown and popular blood lines. Sired by **Incible Orion, Mr. Blue, Golden Prince 2d, Model Buy King.** Write or come see them. Address the
E. M. REICHERT ESTATE CORNING, IOWA

DUROC BOARS
Choice spring boars by **MASTER LEADER** 1st and **CHEYENNE.** They are uniform, good color, thick with length. **COME** any time. Reasonable. Write or phone.
CHARLES DAHLKE SCRANTON, IOWA

SHEEP

6TH ANNUAL SOUTHWEST
Iowa Purebred Sheep Breeders Association
RAM SALE
Sale Barn
CRESTON, IA., MON., SEPT. 20
40 HEAD RAMS
HAMPSHIRE — SHROPSHIRE — OXFORD
If you are in the market for a good Ram, we invite you to attend this sale. The better they will be better than ever before. Ask for **FREE catalog.** Please mention this publication. Address
DWIGHT CARMICHAEL, Secy.
Villisca, Iowa

SHEEP—ALL BREEDS
Choice breeding ewes, feeder lambs, lambs. Desirable quality. Reasonable.
ARNOLD C. O'BRIEN SHEEP CO.
SOUTH ST. PAUL, MINNESOTA

YEARLING
SHROPSHIRE RAMS
For sale, choice Rams, with size, bone and quality. Using **RENK** and **IROQUOIS** sires. Reasonable.
N. K. HARTLEY HILLSBORO, IOWA

Purebred yearling HAMPSHIRE RAMS & RAM LAMBS
Phone 901
M. O. TJERNAGEL STORY CITY, IOWA

SUFFOLK SHEEP
Registered Suffolk rams, yearlings, and lambs. Choice breeding and quality.
Priced reasonable.
JOHN H. CARSTENS BREDA, IOWA

KEN RU FARM CORRIEDALES
Excellent Registered Corriedale Rams and Ewes for sale. **Rams** for **pure-bred** or **Commercial** flocks. Also choice yearling **Ewes.**
KENRU FARM WEST LIBERTY, IOWA

Suffolks - Lincolns - Cotswolds
100 rams for sale; also ewes. Shipped anywhere on approval. Write or wire
CRANDELL'S PRIZE STOCK FARMS
ITHACA, MICHIGAN

CHOICE SUFFOLK
Yearling Rams, also Lamb Rams.
REASONABLE.
Write or come and see us.
MILBRANDT BROS., BUFFALO CENTER, IOWA

Oxford and Hampshire Rams
Choice Rams for Sale. Best of Breeding. Priced Reasonable.
JOHN GRAHAM R. 2, ELDORA, IOWA

Coming Livestock Sales

ABERDEEN ANGUS

Sept. 20—Central Iowa Breeders, Marshalltown, Iowa; Clair G. Mason, Mgr., Marshalltown, Iowa.
Sept. 23—Mercer County Breeders, Aledo, Ill.; Hugh McWhorter, Secy.
Sept. 24—Dispersion, H. C. Johnstone Sons, Galva, Ill.; Hugh McWhorter, Sale Mgr., Aledo, Ill.
Oct. 1—Northeast Missouri Breeders, Memphis, Mo.; W. R. Dierks, Secy.
Oct. 4—Nodaway County Breeders Assn., Maryville, Mo.; F. B. Houghton, Secy.
Oct. 5—Harry C. Meredith, Scarsboro, Iowa.
Oct. 13—Interstate Aberdeen Angus Breeders Association, Sioux City, Iowa; P. K. Pratt, Secy., Walnut, Iowa.
Oct. 14—Dispersion, Frank Whitehead, Kahoka, Mo.
Oct. 16—Central Illinois Breeders, Congerville, Ill.; Simon E. Lantz, Secy.
Oct. 29—Benson Angus Farms, Milton, Iowa.
Nov. 9—Chariton Valley Breeders Assn., Kirksville, Mo.; Otto Shinn, Secy.

HEREFORDS

Sept. 21—J. E. McBride, Columbus Jct., Iowa.
Sept. 29—Wiese Bros., Donahoe, Iowa.
Sept. 30—Chas. Wooster, Manning, Iowa; sale at Audubon, Iowa.
Sept. 30—Putnam & Harley (Dispersion), Bedford, Iowa; S. J. Harley, Mgr.
Oct. 12—Reed-Hayden-Granfield Sale, at Creston, Iowa; T. M. Hayden, Mgr., Creston, Iowa.
Oct. 14—Tinyre Hereford Farms, Oregon, Ill.
Oct. 18—Dispersion, W. W. Hodgen, Kingsley; sale at Sioux City, Iowa.
Oct. 22—Creston Hereford Breeders, Orient, Iowa; Lloyd H. Wood-, Sale Mgr., Creston, Iowa.
Oct. 29—Northeast Missouri Assn., Memphis, Mo.; Geo. E. Leslie, Jr., Secy.
Nov. 26—Poole & Hereford Farm, Morris, Ill.
Nov. 27—Chardon Farms, Graydake, Ill.
Dec. 8—Rotna Valley Assn., Exira, Iowa; Harvey W. Johnson, Mgr.

POLLED HEREFORDS

Dec. 6-7—Iowa Polled Hereford Assn., Des Moines, Iowa; Leigh Curren, Secy., Mason City, Iowa.

SHORTHORNS

Sept. 22—Fred Gugisburg, Renwick, Iowa, and P. A. Rasmussen & Sons, Goldfield, Iowa; sale at Humboldt, Iowa; Merv. Aegerter, Mgr., Seward, Neb.
Sept. 25—C. H. & R. D. Arthur, Spirit Lake, Iowa; sale at Spencer, Iowa.
Sept. 25—Minor Kelley, Louisiana, Mo.; sale at Ireland, Iowa.
Sept. 27—Marshall County Breeders, Marshalltown, Iowa; Geo. H. Lewis, Mgr.
Sept. 28—R. C. Boeger & Sons, Salisbury, Mo.; sale at Chillicothe, Mo.
Oct. 2—Holtz Bros., Rippey Iowa.
Oct. 4—Northwest Missouri Breeders, Rockport, Mo.; Jim Meyer, Secy., Maryville, Mo.
Oct. 6—Gilbert Kandel, Walcott, Iowa; Penningroth Bros., Wellman, Iowa, and Carlton Reed, Bellevue, Iowa; sale at Walcott, Iowa.
Oct. 12—Dispersion, Blotz Bros., Dodgeville, Wis.; Hal Longley, Sale Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 13—Ted Whitford & Sons, Volga, Iowa; S. Davis & Sons, Wadena, Iowa; Fred Rothlisberger & Son, Elgin, Iowa.
Oct. 19—Minnesota State Sale, Redwood Falls, Minn.; N. T. Findhal, Secy., Waterville, Minn.
Oct. 22—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 28—George Struve & Sons, Manning, Iowa.
Oct. 30—Helfrest Farms, Des Moines, Iowa.

4-H SHORTHORN STEERS

Oct. 9—Otto Thede & Sons, Burton, Neb.; sale at Cherokee, Iowa.

POLLED SHORTHORNS

Oct. 5—Sioux Empire Polled Shorthorn Club, Sioux Falls, S. D.; John F. White, Secy.
Oct. 11—Iowa Polled Shorthorn Club, Des Moines, Iowa; T. J. S. Girton, Secy., Marshalltown, Iowa.
Oct. 23—Illinois Polled Shorthorn Breeders, Princeton, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 25—Missouri Polled Breeders, Sedalia, Mo.; E. L. Early, Secy., Lexington, Mo.
Dec. 3—G. W. Zinnell & Son, Rockwell City, Iowa, and Otto Johnson, Lohrville, Iowa; dispersion sale at Carroll, Iowa; Merv. Aegerter, Mgr., Seward, Neb.

MILKING SHORTHORNS

Sept. 27—Eastern Iowa Sale, Cedar Rapids, Iowa; A. R. Chilton, Mgr., Sigourney, Iowa.
Sept. 28—Iowa Shorthorn Breeders, Waterloo, Ia.; Harry Clampitt, Mgr., New Providence, Iowa.
Oct. 4—Southeastern Iowa Breeders Sale, Bloomfield, Iowa; A. R. Chilton, Mgr., Sigourney, Ia.
Oct. 14—Minnesota Consignment Sale, Mankato, Minn.; R. E. Hodgson Secy., Wase a, Minn.
Oct. 29—Breeders Fall Sale, Omaha, Neb.; H. C. McKelvie, Mgr.
Oct. 30—Milking Shorthorn Breeders Sale, Waterloo, Iowa; Walter Kruse, Mgr., Sheldon, Iowa.

DAIRY CATTLE

Sept. 22—Tri-County 224 Annual Guernsey Sale, Wellman, Iowa; Truman Erb, Mgr.
Sept. 22—Iowa Brown Swiss Assn., Waterloo, Iowa.
Oct. 9—Jones & Brenizer (Jersey Dispersal), Lamoni, Iowa; Ivan N. Gates, Sale Mgr., West Liberty, Iowa.
Oct. 12—Southeastern Iowa Holstein Breeders, Wellman, Iowa; Clark Ginzerich, Mgr.
Oct. 14—Iowa State Ayrshire Sale, Waterloo, Iowa; Richard M. Sears, Sale Mgr., Grinnell, Iowa.
Oct. 18—Iowa Holstein Breeders Assn. Sale, Waterloo, Iowa; Dallas V. McGinnis, Secy., 912 Waterloo Bldg., Waterloo, Iowa.
Oct. 19—Southeastern Iowa Ayrshire Sale, Wellman, Iowa; Richard Sears, Mgr., Grinnell, Iowa.
Oct. 22—Ayrshire Imported Canadian Cattle, Omaha, Neb.; H. C. McKelvie, Mgr.
Oct. 26—Holstein Midwesterner National, Omaha, Neb.; C. E. Wylam, Mgr., Waverly, Iowa.
Oct. 30—Wylamyna Invitational Sale, Holsteins, Wylamyna Farm, Waverly, Iowa.
Oct. 29—Fourth Dairyland Sale, Waukesha, Wis.; Phillips Sales and Pedigree Service, Mgrs., Waukesha, Wis.
Nov. 4—"Parade of Holstein Bulls," Show and Sale, Waterloo, Iowa; Claude E. Wylam, Mgr., Waverly, Iowa.

BELGIANS

Sept. 24—Dispersion, W. C. Grow, Guthrie Center, Iowa.

CHESTER WHITES

Sept. 28—R. A. Riemenschneider, Kingsley, Iowa.
Sept. 30—Night Sale, Clarence Smith, Jr., Primghar, Iowa.
Oct. 3—A. L. Bidne & Son, Lake Mills, Iowa.
Oct. 4—Henry J. Dickinson, Sabula, Iowa.
Oct. 6—J. T. Keen & Sons, Legrand, Iowa.
Oct. 6—Robert Lanigan, Fairbank, Iowa; Night Sale at Independence, Iowa.
Oct. 7—Scribsen & Jamieson, Center Jct., Iowa.
Oct. 7—Night Sale, Walter Kukkuck, Preston, Iowa.
Oct. 8—Night Sale, Henry Jurgensen, Olin, Iowa.
Oct. 8—Night Sale, Ted Towbridge, Marshalltown, Iowa.
Oct. 10—Night Sale, Joe Madden, Maryville, Mo.
Oct. 11—Night Sale, Joe Madden, Maryville, Mo.
Oct. 15—Night Sale, McBride Farms, Panora, Iowa.
Oct. 16—Harold W. Miller, Janesville, Iowa; night sale at Waterloo, Iowa.
Oct. 19—Walter Schminke & Son, Van Horne, Ia.
Oct. 19—Albert K. Petersen, Denver, Iowa; Night Sale at Waverly, Iowa.
Oct. 21—Night Sale, Clarence Smith, Sr., Paullina, Iowa.
Oct. 22—Glen L. Rinehart, Britt, Iowa.
Oct. 3—Westcott Bros., Denison, Iowa.
Oct. 4—Ross O. Willey & Son, Onawa, Iowa.

LIVESTOCK FIELDMEN

M. T. WHITE, 604 No. Fortieth St., Omaha, Nebraska, Phone Walnut 1056.
E. BALSLEY, 1912 Grand Ave., Des Moines.
M. W. BONEY, Box 740, Storm Lake, Iowa; Phone 970-R.

We publish the FIRST and THIRD Saturdays of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

Around the Farm AND IN THE Feed Lot

by HOWARD MARSHALL

WITH THE CORN STORAGE problem becoming increasingly great as we approach the harvest season, let's be sure to line up as much on-the-farm storage space as we can, and let's not harvest too early. Hot August and September weather has matured most fields nicely, but let's check moisture content before cribbing. Meanwhile, let's get whatever snow fencing, woven wire, and other materials needed for temporary storage.

CONGRATULATIONS to Melvin Montgomery, of Mahaska county, and Vernon Wegler, of Davis, for winning the grand and reserve championship honors in the recent Iowa State Fair. Congratulations not only for a fine job of feeding and showing the two purple ribbon steers, but more especially for having raised them out of their own herds. Melvin and Vernon are good examples of why we feel the future of Iowa beef breeders is in good hands.

HOGS WEIGHING 312 pounds at seven months are not bad. Walter J. Brandt, at Dysart, Iowa, a Walnut Grove user, recently sent a load of his porkers in to Chicago, where they tipped the beam at this splendid weight. Art Runft, who services the Dysart territory, reports that Brandt fed his hogs the recommended ration of 50 pounds of Walnut Grove, 50 pounds of oil meal and 50 pounds of tankage to one ton of ground feed. It's a ration that pays good dividends.

THE PERSON who originated the thought that there is "no substitute for quality" certainly brought forth an idea which needs no analyzing. Any manufacturer who strives for quality usually makes friends for his merchandise. The Walnut Grove Manufacturing Company has always made quality products. Such is Walnut Grove Livestock Minerals. Our customers in Worth county, Iowa, who believe in and feed Walnut Grove, among many others, are Henry C. Plath, Harry and Arnold Backhous, brothers on two farms, Herman Konkhe, and Earl and Melvin Kobernenz, brothers on two farms, John Tietz, Manly, Iowa, looks after this business for us.

THERE'S SOMETHING new under the sun in the way of competitive farm events. It's what is called a tractor rodeo. Several were held this fall, in Dallas, Monroe, Pocahontas, Polk and Warren counties. The tractor handlers are judged on the skill and speed with which they hook up to a wagon, back into driveways, line up to belts, and, last but not least, get a ten-foot seeder through a nine-foot gate.

IT LOOKS as though feed for livestock would be much cheaper during the winter months with an abundant corn crop very close to the cribs. Fall pigs will be valuable and should have the attention necessary to keep them in everyday thrifty condition. Walnut Grove customers in Buchanan county, Iowa, who use Walnut Grove in their winter feeding, include, among many others, Ely Bontrager, Herman Buchholtz, Robert Dietz, John Y. Miller, Ely Gingerich and Ed and Levi Petersheim, brothers on two farms, Julius Friedrich, of Oelwein, Iowa, takes care of this business for us.

WITH RURAL FIRE PREVENTION week coming up in early October, we might well consider what we can do and should do to guard against fire on our own places in the meantime. Is there unnecessary trash around? Have we destroyed the greasy rags and other inflammable stuff? Is the electric wiring okay? Are we careful with matches and cigarettes? Are the chimney flues in good repair? The first six months of this year saw nearly five million dollars in fire losses in Iowa alone. Looks like we're headed for a new record—unless we become more careful.

OF LAST YEAR'S 10 billion dollars paid to livestock raisers, hogs netted just exactly half the total. Thirteen billion pounds of pork and lard sold for right at five billion dollars. Beef production totaled some 10 billion pounds, which netted United States cattlemen about four billion dollars. Sheep and lambs made up the balance. Each category is important both for producers and consumers. Each class of livestock demands and deserves efficient and adequate housing, feeding, handling and marketing.

HOGS FOLLOWING CATTLE save considerable feed, Iowa Experiment Station figures show that the amount of shelled corn saved by hogs per 100 pounds of gain put on cattle varies from 14 to 19 pounds per pig. Protein saved by hogs for every 100 pounds gain made by the cattle ranged from two to three and one-half pounds per lot. There were four hogs behind every seven cattle, but along with what feed was picked up, the hogs also were given a protein supplement including a mineral and daily trough-fed additional shelled corn.

THE FEEDING OF NEW CORN to hogs is here, or right around the corner, and that means that caution should be used. Go slow, and see that the pigs have access to a good mineral like Walnut Grove. Customers in Hamilton county, Iowa, who use Walnut Grove in their feeding plans include Percy Neese, W. H. Chalma, Dean M. Christensen, Henry Herost, Norman Gordon, Walter J. Williams and Udell Olson. This business is handled for us by our representative, Miner Haack, of Webster City, Iowa.

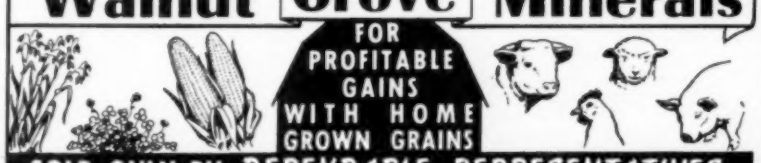
WALNUT GROVE Products Company has open territory for good, reliable men with livestock experience who can devote full time to selling and servicing Walnut Grove products. Men who handle our business in regular territories find the work profitable and enjoyable. Pretty largely, it's a case of working with their neighbors and helping them with questions and problems in their livestock programs. Anyone interested in working with us is urged to write Walnut Grove Products Company, Atlantic, Iowa, giving particulars as to age, qualifications, etc.

IOWA POULTRY PRODUCERS led the nation last year both in production and sales. Of the national poultry income of 3 billion dollars, Iowa egg returns alone were 136 million dollars, to say nothing about the chickens and broilers sold. Iowa poultry raisers—most of them farm homemakers who take care of their own flocks—have increased egg production by 53 eggs per hen the past 10 years, to where they now have an average of 161 eggs per hen, slightly above the national average.

NOW IS A GOOD TIME to look after the winter shelter for those fall pigs and sows that will raise the spring pig crop. Proper ventilation is very important, with no draughts. A south exposure is very valuable. Some of our many customers in Pocahontas county, Iowa, who practice good ventilation and use Walnut Grove in their feeding plans, include Roy Schultz, Carl Hood, Ray Behresen, Roy Boysen, Otto Dewall, E. B. Christensen and Dale Stover. These men are serviced by our representative in that territory, A. B. Vining.

QUADRUPLET CALVES were presented to a Chariton, Iowa, farmer recently. The multiple birth took place on the J. E. McKinley farm, when a purebred Angus cow, called just plain "Blackie," showed up one morning with four wobbly little calves, one for each "faucet." The youngsters weighed 35 pounds each. It looks just a little as though "Blackie" is trying to solve the meat situation single-handedly.

Walnut Grove Minerals



SOLD ONLY BY *DEPENDABLE REPRESENTATIVES*
★ HOME OFFICE ATLANTIC, IOWA

Coming Livestock Sales

(CONTINUED)

DUROC JERSEYS

Oct. 4—Walter Riebsell, Calumet, Iowa.
Oct. 4—Willard C. Klein, Iowa Falls, Iowa.
Oct. 5—Bert Brock & Sons, Sioux Center, Iowa.
Oct. 5—Gregor F. Vaske, Dyersville, Iowa.
Oct. 6—Juhl Bros., Luverne, Minn.
Oct. 7—Ernest L. McDermott, Wiota, Iowa.
Oct. 8—H. C. Timm, Muscatine, Iowa.
Oct. 9—Knotek Bros., Riverside, Iowa.
Oct. 9—W. M. Smith, Milford, Iowa; sale at Spencer, Iowa.
Oct. 15—J. S. Golder, Oakland, Neb., and Gilbert Langemeier, Hooper, Neb.; J. S. Golder, Mgr.; sale at Fremont, Neb.
Oct. 18—Night Sale, Carl Hebner, Jefferson, Iowa.
Oct. 18—Night Sale, Carl Hebner, Jefferson, Iowa.
Oct. 21—Paul Hinzley, Dunrombe, Iowa.
Oct. 22—Oliver Bricker, Farragut, Iowa.
Oct. 22—Airy Bros., Derby, Iowa.
Oct. 23—W. H. Helmke & Sons, Renwick, Iowa.
Oct. 25—Henry E. Krull, Buffalo Center, Iowa.

HAMPSHIRES

Oct. 5—Night Sale, Elmus R. Brenneman, Wayland, Iowa.
Oct. 7—O. W. Jones & Son, Ute, Iowa.
Oct. 11—Night Sale, Frantz Bros., Grand Junction, Iowa.
Oct. 12—Dale McGraw, Pleasantville, Iowa.
Oct. 15—Night Sale, North Iowa Hampshire Breeders, Mason City, Iowa; Gilbert Behn, Mgr., Clarion, Iowa.
Oct. 16—Night Sale, Orben Schoff, Lost Nation, Iowa.
Oct. 18—W. W. Hodgen, Kingsley, Iowa; sale at Sioux City, Iowa.
Nov. 1—Night Sale, Matt Locatis & Sons, Fort Dodge, Iowa.
Nov. 4—Night Sale, Maurice Weitz, Webster City, Iowa.

MINNESOTA NO. 1 HOGS

Sept. 27—McAllister Seed Farms, Mt. Pleasant, Iowa.
Sept. 27—Clarence Hillebrand, Woolstock, Iowa.
Sept. 30—Leo Freking Farm, Heron Lake, Minn.

POLAND CHINAS

Sept. 27—John Supple, Ryan, Iowa, and J. J. Dinter, Cowgill, Iowa.
Oct. 5—C. W. Cress, Bayard, Iowa.
Oct. 5—Night Sale, Lakeside Farm, Eugene Dugan, Storm Lake, Iowa.
Oct. 12—Edward E. Forest, Mt. Vernon, Iowa.
Oct. 12—Oscar D. Larson, Clarion, Iowa.
Oct. 13—Conner Farm, Mason City, Iowa.
Oct. 13—Night Sale, Brown & Brown, Hampton, Iowa.
Oct. 14—Holgens Bros., Monticello, Iowa.
Oct. 14—R. F. Anderson & Son, Botna, Iowa; sale at Manning, Iowa.
Oct. 19—Chas. Vander Beek, New Sharon, Iowa; night sale at Oskaloosa, Iowa.
Oct. 23—Night Sale, John Sorg & Sons, Dolliver, Iowa.
Oct. 25—Night Sale, at Algona, Iowa, Louis J. Reilly, Lone Rock, Iowa.

SPOTTED POLAND CHINAS

Sept. 21—Niehaus Bros., Greene, Iowa; sale at Allison, Iowa.
Sept. 27—T. E. Lawrence, Portsmouth, Iowa.
Sept. 28—Nelson & Paulsen, Blair, Neb.
Oct. 2—Night Sale, Jack Zimmerman, Earling, Iowa.
Oct. 2—Miles M. Mann & Son, Woodbine, Iowa.
Oct. 4—John Clausen & Son, Davenport, Iowa.
Oct. 4—Julius F. Roths, Rock Rapids, Iowa.
Oct. 5—R. V. Bunting & Son, Corning, Iowa.
Oct. 6—Earl Kellogg & Sons, Winfield, Iowa.
Oct. 7—Arnold Krabmer, Fairmont, Minn.
Oct. 8—Karl E. Carlson, Lakefield, Minn.; sale at Spencer, Iowa.
Oct. 8—Night Sale, Fred F. Goodchild & Sons, Mallard, Iowa.
Oct. 9—Ray Hanes, Oelwein, Iowa.
Oct. 9—Albert Kremer, Lake Lillian, Minn.
Oct. 11—Donald Donahoe, Stanton, Iowa.
Oct. 12—Night Sale, Gerrit J. Kempers & Son, Hull, Iowa.
Oct. 13—A. J. Anderson & Sons, Kellogg, Iowa.
Oct. 13—Night Sale, Walter Woodyard & Son, Indianola, Iowa.
Oct. 14—Night Sale, Luther Goldberg, Essex, Iowa.
Oct. 16—Night Sale, Bob Walters, Eldora, Iowa.
Oct. 19—Night Sale, Forest Jackson & Sons, Lytton, Iowa; sale at Sac City, Iowa.
Oct. 19—Ben C. & Maurice R. Fitzer, Luverne, Minn.
Oct. 20—Walter Wellhoefer, Stratford, Wis. Night Sale at Alcona, Iowa.
Oct. 22—Norris Voge, Neola, Iowa; sale at Harlan, Iowa.
Oct. 22—Night Sale, Clifford Pitstick, Jolley, Iowa; sale at Sac City, Iowa.
Oct. 23—Night Sale, E. C. Marty & ons, Luverne, Iowa.
Oct. 24—Cecil Wilson, Lenox, Iowa.
Oct. 25—Night Sale, Kenneth R. Dingel, Ocheyedan, Iowa; sale at Sibley, Iowa.
Oct. 25—Carl Hebner, Jefferson, Iowa (sale on farm).
Oct. 25—Carl Hebner, Jefferson, Iowa.
Oct. 26—Homer Wicks, Radcliffe, Iowa.
Oct. 26—Night Sale, Harvey C. Larsen, Elk Horn, Iowa; sale at Harlan, Iowa.
Oct. 29—Spies & Lein, Graettinger, Iowa.
Oct. 27—Night Sale, Alvin Sunderman & Sons, Clarinda, Iowa.
Nov. 8—Forrest Green, Orient, Iowa.

YORKSHIRES

Oct. 14—Valehurst Farms, Peoria, Ill.

FEEDER CATTLE

Oct. 5-6—Sale at Unionville, Mo.; Don C. Polbock, Mgr.
Oct. 7—Sale at Bethany, Mo.
Oct. 8—Sale at Milan, Mo.

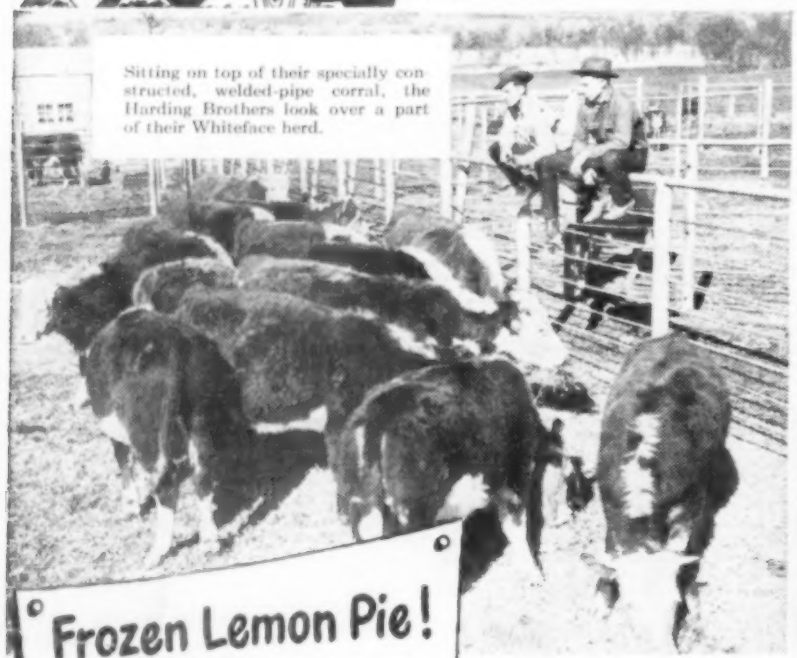
SHEEP

Sept. 20—Sixth Annual Southwest Purebred Assn., Ram Sale, Creston, Iowa; Dwight Carmichael, Secy., Villisca, Iowa.
Sept. 21—Mahaska Purebred Sheep Breeders Ram Sale, Oskaloosa, Iowa; Herbert F. Hoover, Sale Mgr.
Sept. 25—Northwest Iowa Sheep Breeders, Spencer, Iowa; Wilbur Goedicke, Secy., Spencer, Iowa.
Dec. 6—International Hampshire Sale, Oskaloosa, Iowa; Roy B. Warrick, Mgr.
Dec. 8—North America Suffolk Sale, Oskaloosa, Iowa; Roy B. Warrick, Mgr.

Livestock News

The Vernon Topp Milking Shorthorn dispersal and consignment sale, held at Sheldon, Iowa, September 3, proved most successful. Twenty-three cows sold for an average of $393. Hilmer Larson, Wallingford, Iowa, paid $500 for the good red cow from the herd of Vernon Topp, Estherville, Iowa, that was first aged cow at the 1946 Iowa State Fair. Caster Bros., Laporte City, Iowa, also paid the $500 figure for a cow from the consignment of Sidney Jones, West Salem, Wis. Richard Willemssen, George, Iowa, paid $485 for another of the Topp consignment. C. T. Cavanaugh, Lohrville, Iowa, paid $460 for a five-year-old Topp cow. Walter Kennedy, Stanton, Neb., topped the bull division when he paid $540 for the Topp herd sire, selling as Lot 1. The seven bulls averaged $350 and the 13 heifers averaged $190. Walter Kruse, of Sheldon, Iowa, managed the sale, and had the arrangements well planned. Burritt Allen was the auctioneer.

The Tank Truck



Sitting on top of their specially constructed, welded-pipe corral, the Harding Brothers look over a part of their Whiteface herd.

Richard Harding (at right) shows Vernon how clean the N*th* oil stays in the engine of their Case Hay Baler. No more lost time because of costly breakdowns.

Frozen Lemon Pie!

. . . by Mrs. R. B. Gross, R. 2, Waco, Texas.

1 cup whipping cream — ¼ cup lemon juice
2 eggs — rind from ¼ lemon
½ cup sugar — ½ cup graham cracker or cookie crumbs

Chill cream until almost frozen. Beat 2 egg yolks until light. Measure ½ cup sugar, reserve 2T. sugar and beat remainder into the egg yolks. Add slowly lemon juice and thin yellow rind. Cook over hot water or low heat stirring from sides and bottom until thick. Remove rind and cool. Line refrigerator pan with waxed paper. Prepare graham cracker or cookie crumbs and sprinkle half on the paper. Beat 2 egg whites until stiff, beat in the reserved 2T. sugar, and fold into cooled mixture. Whip heavy cream and fold in. Pour into lined tray. Sprinkle with remaining crumbs and freeze with temperature set at coldest.

Send your favorite recipes to Mrs. Annie Lee Wheeler, Conoco Cafeteria, Ponca City, Okla. Get a $7.50 pair of genuine Wiss Pinking Shears for each recipe printed here with your name. If duplicates are received, the one to be published will be determined by Mrs. Wheeler. All recipes sent in become property of Continental Oil Co.

FARM KITCHEN

"Spent $8...Saved $90!"

Richard Harding

"Here's one of the best OIL-PLATING stories I've run into in a long time," writes S. R. Riesen, Conoco Tank Truck Salesman of Ponca City, Oklahoma. "It really shows what N*th* Motor Oil means to farmers.

"Every year . . . up until last year . . . Vernon and Richard Harding, operators of a fine farm and ranch near Burbank, Oklahoma, spent $90 to overhaul and repair their hay baler. They would start out and go about halfway through the season, then the baler engine would break down. That is, it did until last year . . . when I talked them into starting it out with N*th*.

"Last time I made a delivery out at the Harding place, here's what Vernon Harding had to say: 'Last year's experience with our hay baler sure opened our eyes. Up until then we didn't figure any motor oil could be *that good*. Last year we baled 22,000 bales of hay at a lower operating cost than we have ever experienced before. During the entire haying season we bought just about $8 worth of N*th* for the hay baler. Any oil that fights off wear in an engine working under such hot and dirty operating conditions is sure the *right oil* for us.'

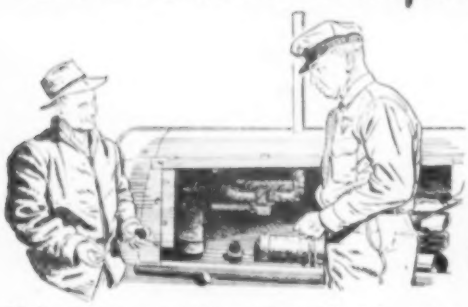
"Richard Harding joined us, and as closely as I remember, here's what he said: 'N*th* Oil did another good lubricating job for us in our John Deere 'A'. We started that tractor out on N*th* in 1944, and after working it hard for two years we took it in for an overhaul last Fall . . . figuring it needed a good going over. We were sure surprised when all they did to it was take out one thin shim in one of the bearings.'"

"Never Any Lost Time!"

Thanks to N*th* Oil and OIL-PLATING, the 6 tractors and 6 cars and trucks on the 10,000-acre Rancho De Abiquiu, Abiquiu, New Mexico, are *always ready* to tackle any job.

In the background of the sketch at left is the owner, Winfield Morton . . . Manager John Smith is filling one of the Rancho's 3 Ford tractors with N*th*. Both say, "There are 3 very good reasons why we use Conoco Products . . . (1) The superb *quality* of Conoco Products keeps our operating costs exceptionally low, and there is never any worry about any piece of equipment not being in good working order . . . (2) Conoco's *complete line of products* meets all our needs . . . and (3) C. V. Hunter, our Conoco Agent at Espanola, New Mexico, gives us the kind of *service* and *lubricating advice* that helps us save time and money in our operations."

"6 Years With No Repairs"



Wylie C. Johnson of Sweet Hall, Virginia, gets a lot out of his little Oliver "60" tractor. He writes, "I feel sure that N*th* motor oil has a lot to do with the swell service I'm getting. . . . It's the only tractor I operate and is on the go nearly every week day of the year. It has run for six years with no repairs except for a distributor and one or two fan belts. I work 18 hours a day through April, May and June and average 12 hours a day for the rest of the year. During one six day period I plowed 70 acres which is quite a bit for such a small piece of machinery. When I checked the oil . . . after 60 hours of hard operation that N*th* looked just as good as when I put it in the crankcase."

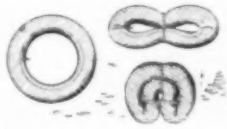
CONOCO

YOUR CONOCO AGENT

Clean Ladder Rungs!

Gene Himelick, R.1., Williamsburg, Indiana, says that burlap tied around the bottom rung of a ladder will help keep the upper rungs clean, in wet weather. A lot less danger of slipping and getting hurt!

Rubber Cushion



Alvin A. Anderson, Vesper, Kansas, says this rubber cushion, made from an old inner tube, is fine. Tie it in the middle, then draw the ends together and tie those.

PRIZES FOR IDEAS!

Send your original ideas to *The Tank Truck* in care of this paper—and get a genuine $8.00 Henry Disston Hand Saw for every idea that's printed!